



**REMEDIAL ACTION
SEMI-ANNUAL MONITORING
REPORT**

**1ST HALF – 2010
(27 of 73)**

**SKINNER LANDFILL SITE
BUTLER COUNTY
WEST CHESTER, OHIO**

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LIST OF ACRONYMS

AMP	Air Monitoring Plan
AOC	Administrative Order on Consent
ARAR	Applicable or Relevant and Appropriate Requirements
BMR	Baseline Monitor Report
BCDES	Butler County Department of Environmental Services
bgs	Below Ground Surface
BZ	Breathing Zone
CD&D	Construction Debris and Demolition Waste
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CGI	Combustible Gas Indicator
CHSD	Corporate Health and Safety Director
CIP	Construction Implementation Plan
CLP	Contract Laboratory Program
cm/sec	Centimeters Per Second
CO	Carbon Monoxide
CP	Contingency Plan
CQA	Construction Quality Assurance
CQAC	Construction Quality Assurance Consultant
CRZ	Contamination Reduction Zone
CRQL	Contract Required Quantitation Limit
CSDI	Contaminated Soils Design Investigation
CY	Cubic Yard
CZ	Control Zone
DSW	Division of Surface Water (OEPA)
DSR	Division Safety Representative
EPA	Environmental Protection Agency
EZ	Exclusion Zone
FID	Flame Ionization Detector
FML	Flexible Membrane Liner (low density polyethylene)
FSP	Field Sampling Plan
FTB	Film Tearing Bond
ft	Feet
ft/sec	Feet Per Second
GCL	Geosynthetic Clay Layer
GCAL	Gulf Coast Analytical Laboratories Inc.
GIS	Groundwater Interceptor System
gpd	Gallons Per Day
gpm	Gallons Per Minute
GWDI	Groundwater Design Investigation
HAP	Hazardous Air Pollutant
HASP	Health and Safety Plan
HDPE	High-Density Polyethylene

HSM	Health and Safety Manager
IDLH	Immediately Dangerous to Life or Health
IRM	Interim Remedial Measures
kg/d	Kilograms Per Day
lb/day	Pounds Per Day
LEL	Lower Explosion Limit
LF	Lineal Feet
LLDPE	Linear Low-Density Polyethylene
μ	Micron
μg/l	Microgram per Liter
MSL	Mean Sea Level
NIOSH	National Institute for Occupational Safety and Health
NO _x	Oxides of Nitrogen
NWI	National Wetland Inventory
O ₃	Ozone
OAC	Ohio Administrative Code
ODNR	Ohio Department of Natural Resources
OEPA	Ohio Environmental Protection Agency
ORC	Ohio Revised Code
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PID	Photoionization Detector
PLC	Programmable Logic Controller
PM-10	Particulate Matter less than 10 microns
PRP	Potentially Responsible Party
PPE	Personal Protective Equipment
psi	Pounds Per Square Inch
PQL	Practical Quantitation Limit
QAPP	Quality Assurance Project Plan
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RA	Remedial Action
RD	Remedial Design
RHSS	Regional Health & Safety Specialist
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RPM	Remedial Project Manager (USEPA)
RPO	Resident Project Observer
SI	Site Inspection
SF	Square Feet
SLWG	Skinner Landfill Work Group
SO ₂	Sulfur Dioxide
SOP	Standard Operating Procedure
SOW	Statement of Work
SPCC	Spill Prevention Control and Counter Measure Plan

SSO	Site Safety Officer
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SZ	Support Zone
TAL	Target Analyte List
TCL	Target Compound List
TDH	Total Dynamic Head
TLV	Threshold Limit Values
TSS	Total Suspended Solids
TWA	Time Weighted Average
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Services
USGS	United States Geological Survey
VOC	Volatile Organic Compound
yr	Year
WBGT	Wet Bulb Globe Temperature
WZ	Work Zone

1.0 INTRODUCTION

1.1 GENERAL INFORMATION

This semi-annual monitoring report was prepared for the Skinner Landfill Superfund Site located in West Chester, Butler County, Ohio in accordance with the Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003 as revised by the amended requirements as set forth in the Petition to Reduce Monitoring Report submitted by Earth Tech in April 2008 and the conditional approval letter issued by the USEPA dated November 24, 2009. The O&M-LTP Plan was prepared to meet the requirements of the Record of Decision (ROD) dated June 4, 1993, the Statement of Work (SOW) dated April 6, 1994, the 100% Final Remedial Design dated June 21, 1996 and the Consent Decree dated April 7, 2001.

The remedial action (RA) post-construction O&M monitoring period began with the third quarter of 2003 and extends for a period of 30 years. The Petition to Reduce Monitoring and associated conditional USEPA approval included a reduction in the number of groundwater and surface water samples required for each sampling event, as well as a change in the required sampling frequency from quarterly to semi-annual. This report documents the results of groundwater and surface water monitoring conducted during the first half of 2010, which is the 27th of 73 sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

Skinner Landfill is located approximately 15 miles north of Cincinnati, Ohio near West Chester, Butler County, Ohio in Township 3, Section 22, Range 2. The site is located along Cincinnati-Dayton Road, as shown in Figure 1. The site is bordered on the south by the East Fork of Mill Creek, on the north by wooded land, on the east by a Norfolk Southern Railway Company right-of-way, and on the west by a gravel driveway.

The site is located in a highly dissected area that slopes from a till-mantled-bedrock upland to a broad, flat-bottomed valley that is occupied by the main branch of Mill Creek. Elevations on the site range from a high of nearly 800 feet above mean sea level (MSL) in the northeast, to a low of 645 feet above MSL near the confluence of Skinner Creek and East Fork of Mill Creek. Both Skinner Creek and the East Fork of Mill Creek are small, intermittent shallow streams. Both of these streams flow to the southwest from the site toward the main branch of Mill Creek.

In general, the site is underlain by relatively thin glacial drift over inter-bedded shale and limestone of Ordovician age. The composition of the glacial drift ranges from intermixed silt, sand and gravel, to silty sandy clays with a thickness ranging from zero to over forty feet. The sand and gravel deposits comprise the hills and ridges and are encountered near the surface of the central portion of the site. The silts and clays usually occur as lenses in the sands and gravel or directly overlie bedrock.

1.3 SITE HISTORY AND BACKGROUND

The property was originally developed as a sand and gravel mining operation and was subsequently used as a landfill from 1934 to 1990. According to USEPA studies, materials deposited at the site include demolition debris, household refuse and a wide variety of chemical wastes. The waste disposal areas include a now buried former waste lagoon near the center of the site and a landfill.

According to USEPA studies, the buried lagoon was used for the disposal of paint wastes, ink wastes, creosote, pesticides, and other chemical wastes. The landfill area, located north and northeast of the buried lagoon, received predominantly demolition and landscaping debris.

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

The Phase II Remedial Investigation revealed that the most contaminated media at the site is the soil in the buried waste lagoon. Migration of the landfill constituents has been limited, and the Phase II Remedial Investigation concluded that there had been no off-site migration of landfill constituents via groundwater flow.

In the Record of Decision (ROD), dated June 4, 1993, the USEPA selected a remedy for the site consisting of multi-media capping of the landfill and the buried waste lagoon, and collection and treatment of the groundwater. The ROD also required an investigation to determine the feasibility for soil vapor extraction (SVE) in the granular soil adjacent to the buried lagoon.

The Remedial Design (RD) Investigation performed in 1994 was implemented to collect data required to assess the feasibility of the SVE and to design the multi-media cap and the groundwater extraction/treatment systems. The Remedial Design was submitted to USEPA on June 21, 1996 outlining the cover design and groundwater interception system design. Based on the RD investigation, the installation of an SVE system was determined to be unfeasible.

Construction of a groundwater interception system (GIS) and engineered landfill cover system began in April 2001 and was substantially completed in September 2001. The USEPA conducted the pre-final construction inspection on September 27, 2001, the final construction inspection on March 27, 2003 and the second 5-Year Review in March 2004.

2.0 SAMPLING METHODS

This semi-annual monitoring event was conducted in general accordance with the following documents shown with the date of the USEPA-approved final version:

- Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003 as revised by the Petition to Reduce Monitoring dated April 2008 and conditionally approved by the USEPA in November 2009, and

- O&M Health and Safety Plan, revised September 2010.

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes for the 1st and 2nd quarters of 2010 is presented on Table 1 with the corresponding potentiometric surface maps provided in Appendix A. The groundwater hydraulic gradient calculated from data collected was 0.07 ft/ft.

The average hydraulic gradient documented in the Remedial Action Baseline Monitoring Report, dated March 2005, is calculated to be 0.13 ft/ft.

3.2 GROUNDWATER-WASTE MONITORING

Historic data for piezometers P-9R to P-12R and results of the piezometer groundwater levels obtained this semi-annual period are provided on Table 2. Based on measured water levels, the groundwater level is above the waste elevation at piezometers P-9R, P-10R, and P-11R.

3.3 GROUNDWATER ANALYTICAL RESULTS

A summary of target compound list (TCL) and target analyte list (TAL) parameter concentrations encountered above the contract required quantitation limit (CRQL) and revised modified trigger level is provided on Table 3. A summary of the laboratory analytical results have been presented on a per well basis in Appendix B to assist in identifying temporal detection patterns. A report of each data set reduction, validation and assessment procedure conducted on an analytical-set basis in accordance with the O&M-LTP Plan quality assurance project plan (QAPP) is included in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL.

Of the 16 TAL parameters that have corresponding trigger levels, copper, lead and cyanide were detected above the CRQL and cyanide was detected above the trigger level. Lead, which was previously above the trigger level for two consecutive quarters in 2009, was below the trigger level and the CRQL for 1st half of 2010.

3.4 SURFACE WATER ANALYTICAL RESULTS

Surface water analyzed consisted of two surface water samples collected directly from the surface of the East Fork of Mill Creek (SW samples). Landfill cap surface water drainage samples (SWD samples) were not collected due to lack of flow.

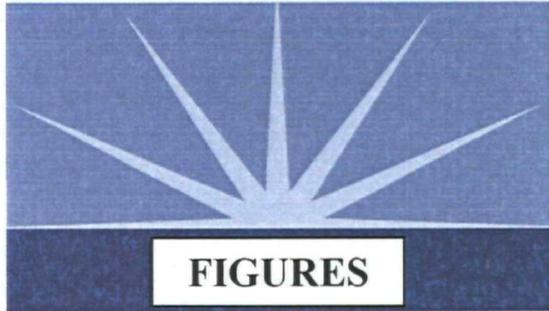
A summary of TCL and TAL parameter concentrations encountered above the CRQL and revised modified trigger level is provided on Table 4. A summary of surface water laboratory analytical results

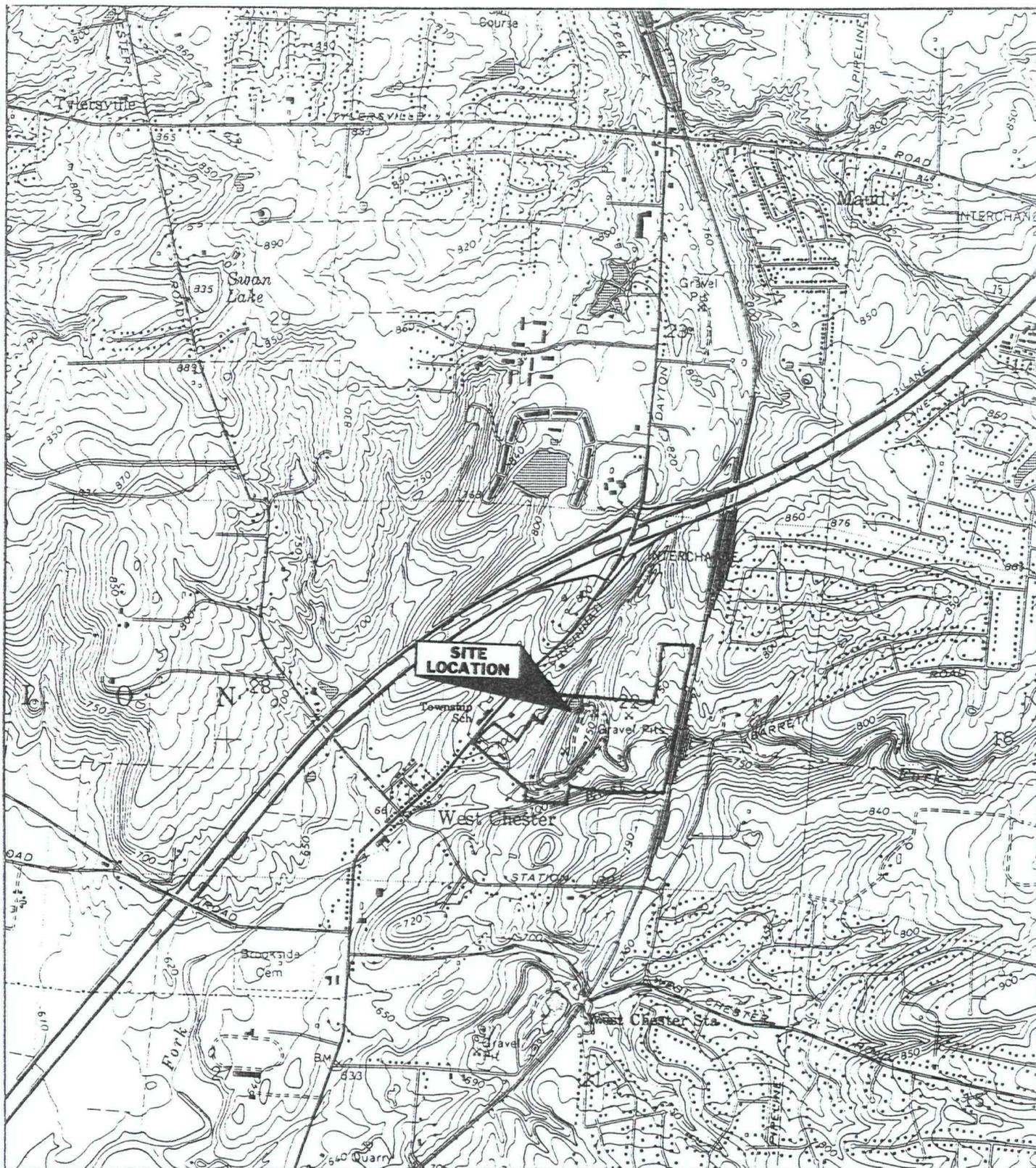
is presented in Appendix B. The summary tables are presented on a sample location basis. The validated laboratory analytical data is provided in Appendix C.

Target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in surface water above the CRQL.

3.5 GENERAL SITE OBSERVATIONS

This section provides a description of observations made in or around the 16-acre fenced area during the sampling period associated with other activity which may impact the project site. No site activities of interest were observed.





Base taken from USGS Glendale, Ohio
 7.5' Topographic Quadrangle, photorevised 1987

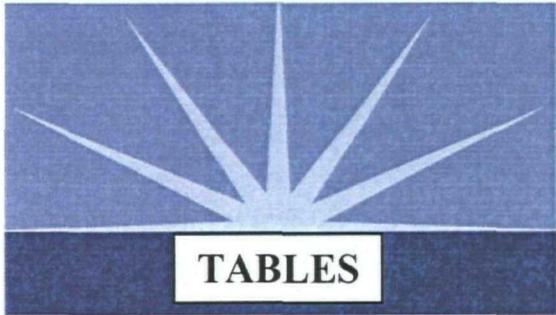


FEET

EARTH  TECH



SKINNER LANDFILL
 SITE VICINITY MAP
 BUTLER COUNTY, OHIO



TABLES

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TABLE 1

Groundwater Elevation Summary

**Skinner Landfill
West Chester, Ohio**

Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	March 15, 2010		June 4, 2010	
					Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)	Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)
Piezometers	P-1	G	685.42	687.65	7.93	679.72	10.65	677.00
	P-2	G	688.54	690.42	12.65	677.77	12.35	678.07
	P-3R	G	691.83	693.69	25.26	668.43	25.13	668.56
	P-4	G	700.32	702.63	3.97	698.66	6.59	696.04
	P-5	G	708.20	710.65	12.51	698.14	14.03	696.62
	P-6	G	707.45	710.59	11.81	698.78	12.40	698.19
	P-7	G	719.08	721.83	Dry	Dry	Dry	Dry
	P-8	G	747.70	749.91	29.82	720.09	30.01	719.90
	P-9R	G	760.12	763.58	16.56	747.02	16.85	746.73
	P-10R	G	761.87	765.84	26.72	739.12	26.23	739.61
	P-11R	G	760.39	763.38	25.00	738.38	27.09	736.29
	P-12R	G	750.11	753.60	33.30	720.30	35.65	717.95
Groundwater Monitoring Wells	GW-06R	S	683.89	685.91	7.00	678.91	9.21	676.70
	GW-07R	S	683.46	683.06	3.43	679.63	5.42	677.64
	GW-24	G	693.32	695.21	18.45	676.76	18.85	676.36
	GW-26	G	696.61	698.28	29.09	669.19	29.62	668.66
	GW-30	G	675.63	677.62	9.15	668.47	9.91	667.71
	GW-58	S	684.03	686.53	13.92	672.61	13.45	673.08
	GW-59	S	684.35	687.38	5.80	681.58	6.97	680.41
	GW-60	S	689.12	692.38	4.66	687.72	9.46	682.92
	GW-61	S	687.38	690.86	12.77	678.09	13.10	677.76
	GW-62A	S	690.19	692.38	28.81	663.57	25.45	666.93
	GW-62B	S	690.57	693.13	11.32	681.81	12.27	680.86
	GW-63	S	698.87	702.50	5.86	696.64	8.68	693.82
	GW-64	S	700.45	703.88	10.75	693.13	12.66	691.22
	GW-65	S	703.83	706.88	9.49	697.39	14.13	692.75
GW-66	G	686.82	689.41	6.75	682.66	8.00	681.41	
Gas Probes	GP-6	G	772.18	774.65	12.30	762.35	15.50	759.15
	GP-7	G	749.83	752.65	8.45	744.20	Dry	Dry

Notes:

MSL - Mean Sea Level

G - Gauging

S - Sampling and Gauging (GW-24, 26, and 30 are sampled on an annual basis.)

P-9R, 10R, 11R, and 12R were installed December 2006 to January 2007. Replaced P-9, 10, 11, and 12.

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TABLE 2

Groundwater-Waste Monitoring Summary

**Skinner Landfill
West Chester, Ohio**

Piezometer ID		P-9R	P-10R	P-11R	P-12R	Comments
Grade Elevation (feet)		760.12	761.87	760.39	750.11	
Bottom of Waste Elevation (MSL-feet)		731.92	729.87	728.00	722.61	
Depth to Bottom of Waste (feet)		28.20	32.00	32.39	27.50	
Groundwater Elevation (ft):	22-Jan-07	747.70	739.52	734.04	721.24	BASELINE
	02-Mar-07	748.03	740.60	735.68	718.17	1st Q 2007
	11-Jun-07	746.34	751.34*	737.08	716.70	2nd Q 2007
	04-Sep-07	736.49	737.73	733.49	712.61	3rd Q 2007
	17-Dec-07	745.36	736.92	731.13	714.31	4th Q 2007
	10-Mar-08	747.61	739.04	733.71	717.42	1rst Q 2008
	02-Jun-08	748.06	740.44	739.15	719.10	2nd Q 2008
	16-Sep-08	743.09	738.64	735.98	714.85	3rd Q 2008
	01-Dec-08	736.46	737.52	733.38	712.40	4th Q 2008
	18-Feb-09	745.77	738.00	731.92	715.45	1rst Q 2009
	08-Jun-09	745.64	738.74	733.48	716.75	2nd Q 2009
	21-Sep-09	743.58	738.02	738.88	723.50	3rd Q 2009
	30-Nov-09	744.66	737.89	739.23	720.01	4th Q 2009
	15-Mar-10	747.02	739.12	738.38	720.30	1st Q 2010
4-Jun-10	746.73	739.61	736.29	717.95	2nd Q 2010	

Notes:

Bottom-of-Waste elevations determined during installation of new piezometers from 12/6/06 through 12/11/06.

Shaded cells indicate water level elevations below the elevation of waste.

* Groundwater Elevation suspect.

TABLE 3

Groundwater Test Results Summary

Skinner Landfill
West Chester, Ohio
First Quarter 2010

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
GW-06R				
GW-07R	—	—	—	—
GW-58	—	—	—	—
GW-59	—	—	—	—
GW-60				
GW-61	—	—	—	—
GW-62A				
GW-62B				
GW-63	—	—	—	—
GW-64				
GW-65	—	—	<i>Cyanide, Iron</i>	—
GW-24 (Perimeter Well)				
GW-26 (Perimeter Well)	—	—	<i>Barium</i>	—
GW-30 (Perimeter Well)				

Notes:

— : all parameters below report limits

italic : above Contract Required Quantitation Levels (CRQL's)

bold : above trigger level

* : Insufficient sample volume or location dry.

** : Dissolved metals for analytes that have a corresponding trigger level.

TABLE 4

Surface Water Test Results Summary

Skinner Landfill
West Chester, Ohio
First Quarter 2010

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
SW-50	—	—	—	—
SW-51				
SW-52	—	—	—	—
SWD-1				
SWD-2				
SWD-3				

Notes:

— : all parameters below report limits

italic : above Contract Required Quantitation Levels (CRQL's)

bold : above trigger level

* : Insufficient sample volume or location dry.

** : Dissolved metals for analytes that have a corresponding trigger level.



**POTENTIOMETRIC
SURFACE MAP**

APPENDIX A

AECOM

SDMS US EPA Region V

Imagery Insert Form



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**SUMMARY OF
ANALYTICAL RESULTS**

APPENDIX B

AECOM

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-06R**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)												TRIGGER LEVEL	CRQL
Compound	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10			
Inorganics - Metals (Dissolved)¹⁴											Sampling no longer required - see note 16		
Aluminum	15.4 U	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	60.7 B	75.8 B				
Antimony	2.4 U	2.4 U	2.5 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 U	2.4 U	1.6 U	2.5 UJ	2.7 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ				
Barium	144 B	199 B	211 J	168 B	195 B	146 B	199 B	198 B	188 B				
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U				
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.6 B	0.3 B	0.4 B				
Calcium	214,000	199,000	180,000 J	229,000	164,000 J	223,000	215,000	208,000	210,000				
Chromium	2.1 B	0.30 U	2.1 B	0.20 U	0.20 U	2.7 B	1.1 B	0.4 UJ	2.2 B				
Cobalt	3.90 B	0.20 U	0.50 B	1.4 B	0.30 U	0.5 U	1.3 B	0.5 U	0.5 U				
Copper	4.6 B	2.3 B	3.0 B	1.2 B	0.60 U	5.3 B	6.0 B	5.9 B	5.6 B				
Iron	139	69.6 B	586	60.0 B	8.1 U	24.8 B	361	291	86.6 B				
Lead	0.80 U	1.0 B	2.4 B	1.2 B	1.2 U	1.6 UJ	1.6 U	2.7 J	4.9				
Magnesium	35,500	35,800	34,200 J	43,600 J	29,500 J	39,700	38,000	36,400	37,200				
Manganese	364	6.5 B	132.0	451 J	226	19.0	64.9	41.1 J	22.2				
Mercury	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U				
Nickel	2.2 B	0.40 U	0.40 U	0.40 B	0.40 U	0.4 U	1.1 B	0.8 B	0.4 U				
Potassium	2,710 J	2,180 B	2,460 B	5,400	2,420 J	2,370 B	2,330 B	2,800	2,510 B				
Selenium	3.9 R	3.9 U	3.1 U	3.1 UJ	3.1 UJ	4.3 J	3.3 U	3.3 U	3.3 U				
Silver	0.30 U	0.30 U	0.40 U	0.40 U	0.40 U	1.3 B	0.5 U	0.5 U	0.5 U				
Sodium	22,400	19,400	17,300 J	29,900 J	16,000 J	20,300	20,800	20,300	20,800				
Thallium	1.7 U	4.7 B	1.8 U	1.9 B	1.8 U	1.5 R	2.1 J	1.5 UJ	1.5 UJ				
Vanadium	11.0 J	1.0 U	10.4 B	12.0 B	3.2 B	1.0 U	4.1 B	1.0 U	7.5 B				
Zinc	7.5 J	9.0 B	15.2 B	0.50 U	0.50 UJ	4.3 U	4.9 B	4.3 U	4.3 U				
Inorganics - Metals and Cyanide (Total)													
Aluminum	2,670	141 J	457	1,190	11,500 J	178 J	161 B	303 J	84.8 B				
Antimony	2.4 UJ	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 U	2.4 UJ	2.5 UJ	6.8 B	11.1	3.6 U	3.6 U	3.6 UJ	3.6 UJ				
Barium	183 B	195 B	214 J	251 J	313 J	144 J	197 B	202	205				
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U				
Cadmium	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.6 B	0.4 B	0.4 B				
Calcium	240,000	197,000	173,000 J	235,000 J	303,000 J	235,000	201,000	205,000	225,000				
Chromium	7.9 J	0.60 B	3.1 B	0.20 U	15.9	2.9 B	1.7 B	0.4 UJ	2.7 B				
Cobalt	5.0 B	0.30 B	0.90 B	3.0 B	11.5 B	0.5 U	0.9 B	0.5 U	0.5 U				
Copper	0.70 J	5.40 B	5.3 B	6.0 B	23.7 B	6.7 B	6.2 B	6.6 B	5.5 B				
Cyanide	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.2 U	0.2 U	1.6 U	1.6 U				
Iron	8,000	523	2,090	4,050 J	25,500	465	412 J	954 J	266				
Lead	5.9 J	0.80 UJ	3.4	4.8	21.1	1.6 UJ	1.6 U	3.7 J	4.2 J				
Magnesium	50,100	35,600	34,300 J	475,000 J	88,000 J	41,500	36,500	36,100	39,900				
Manganese	410	19.3	106.0	535 J	748	21.7	40.1 J	44.6	27.7				
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U				
Nickel	7.1 J	0.40 U	0.40 B	1.9 B	21.8 B	0.4 U	0.6 B	0.7 B	0.4 B				
Potassium	3,240 B	2,220 J	2,480.0 B	3,010 J	4,840 J	2,390 J	2,130 B	2,800 J	2,750 B				
Selenium	3.9 UJ	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U				
Silver	0.30 U	0.30 U	0.40 U	0.40 U	0.40 U	1.5 B	0.5 U	0.5 U	0.5 U				
Sodium	22,400	18,700	17,000 J	18,000 J	16,400 J	23,800	19,300	19,500	22,700				
Thallium	1.7 U	2.2 B	1.8 U	1.8 U	1.8 U	1.5 UJ	2.7 J	1.5 UJ	1.5 UJ				
Vanadium	17.1 J	1.0 U	12.4 B	14.5 B	31.7 B	1.0 U	4.7 B	1.0 U	7.7 B				
Zinc	25.6 J	11.5 J	20.7	4.8 B	67.7 J	4.3 U	4.3 U	4.3 U	4.3 U				
Volatile Organic Compounds (VOCs)													
Semi-Volatile Organic Compounds (SVOCs)													
Pesticides / PCBs													

- Notes:
- 1) All results expressed in micrograms per liter (µg/L).
 - 2) Standard Inorganic Data Qualifiers have been used.
 - 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
 - 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
 - 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
 - 6) — = No Sample Available (Well Dry or Insufficient Volume)
 - 7) U = Indicates compound was analyzed for but not detected.
 - 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
 - 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
 - 10) UJ = A value less than the CRQL but greater than the MDL.
 - 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
 - 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 - 13) CRQL = Contract Required Quantitation Limit
 - 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 - 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
 - 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-07R**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)												
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL	
Inorganics - Metals (Dissolved)¹⁴				Insufficient Volume								
Aluminum	16.4 B	15.3 U	15.3 U	—	26.9 U	26.9 U	29.1 B	143 B	69 B		200	
Antimony	2.4 U	1.6 U	1.6 U	—	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60	
Arsenic	2.9 B	2.5 U	2.5 U	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ	4.2 B	20	10	
Barium	93.2 B	88.0 J	59.3 B	—	41.8 B	54.6 B	47.0 B	67.2 B	41 B	1,000	200	
Beryllium	0.10 U	0.10 U	0.10 U	—	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	5	5	
Cadmium	0.10 U	0.10 U	0.10 U	—	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5	5	
Calcium	165,000	175,000 J	270,000	—	191,000	245,000	292,000	228,000	178,000		5,000	
Chromium	0.3 U	2.0 B	0.2 U	—	2.5 B	0.4 U	0.4 UJ	2.7 B	10 U	11	10	
Cobalt	0.2 U	0.3 U	1.9 B	—	0.7 B	4.0 B	4.4 B	0.5 U	0.55 B		50	
Copper	1.8 B	3.6 B	0.6 U	—	4.9 B	5.5 B	6.6 B	5.8 B	7.5 B	25	25	
Iron	8.5 U	8.1 U	419	—	244	562	2210	9.4 B	100 U	7,000	100	
Lead	2.6 B	2.9 B	1.2 U	—	1.6 UJ	2.8 B	1.6 U	3.6	2.8 J	4.2	3	
Magnesium	25,900	30,200 J	45,600 J	—	32,500	42,100	51,900	39,000	31,700		5,000	
Manganese	164	0.3 B	2,780 J	—	251	2,340	3,170 J	236	100		15	
Mercury	0.10 U	0.10 UJ	0.10 U	—	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2	0.2	
Nickel	0.40 U	0.4 U	0.90 B	—	0.4 U	3.1 B	3.8 B	0.9 B	1.2 B	96	40	
Potassium	2,250 B	1,620 B	2,660 B	—	1,720 B	1,830 B	2,690 B	1,210 B	1,000 B		5,000	
Selenium	3.9 U	3.1 U	3.1 U	—	3.3 UJ	3.3 UJ	3.3 U	3.3 U	5.0 U	8.5	5	
Silver	0.30 U	0.4 U	0.50 B	—	1.4 B	0.5 U	0.5 U	0.5 U	10 U	10	10	
Sodium	15,500	13,500 J	2,300 J	—	14,300	18,800	26,500	19,600	10,900		5,000	
Thallium	6.5 B	1.8 U	1.8 U	—	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	40	10	
Vanadium	1.0 U	9.8 B	12.8 B	—	1.0 U	7.6 B	1.0 U	8.7 B	12 J		50	
Zinc	11.3 B	17.1 B	1.1 B	—	4.3 U	4.3 U	4.3 U	4.3 U	20 U	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	115 J	77.7 B	1,220	—	263 J	76.5 B	780 J	104 B	484			
Antimony	2.4 U	1.6 U	1.6 U	—	4.8 U	4.8 U	4.8 U	4.8 U	60 U			
Arsenic	2.4 UJ	2.5 UJ	2.5 U	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ	3.9 B			
Barium	104 B	95.0 J	115.0 J	—	57.9 J	56.7 B	74.6 B	70.3 B	150 B			
Beryllium	0.10 U	0.10 U	0.10 U	—	2.3 U	2.3 U	2.3 U	2.3 U	0.13 B			
Cadmium	0.10 U	0.10 U	0.10 UJ	—	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U			
Calcium	152,000	177,000 J	304,000 J	—	200,000	240,000	289,000	236,000	189,000			
Chromium	0.6 B	2.2 B	0.20 U	—	2.4 B	0.4 U	0.4 UJ	2.7 B	10 U			
Cobalt	0.2 U	0.3 U	2.9 B	—	0.6 B	3.6 B	5.5 B	0.5 U	2.7 B			
Copper	7.0 B	5.7 B	0.60 U	—	7.2 B	6.3 B	8.7 B	6.7 B	22 B			
Cyanide	0.60 U	0.6 U	2.7 B	—	0.2 U	0.2 U	1.6 U	5.3 B	5.0	10.0	10.0	
Iron	273	151	4740.0 J	—	434	1,090 J	7,910 J	527	8,300			
Lead	0.80 U	3.3	3.1	—	1.6 UJ	2.8 B	3.4 J	5.0 J	10 J			
Magnesium	23,800	30,400 J	53,500 J	—	34,000	41,100	51,500	39,800	38,200			
Manganese	84.5	21.5	2,830 J	—	75.3	2,280 J	3,200	247	200			
Mercury	0.10 U	0.10 U	0.10 U	—	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U			
Nickel	0.40 U	0.40 U	4.3 B	—	0.4 U	2.8 B	4.5 B	0.5 B	7.5 B			
Potassium	3,040 J	1,890 B	3,190 J	—	1,740 J	1,770 B	2,730 J	1,290 B	2,240 B			
Selenium	3.9 U	3.1 U	3.1 UJ	—	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U			
Silver	0.30 U	0.40 UJ	0.40 U	—	1.1 B	0.5 U	0.5 U	0.5 U	10 U			
Sodium	16,300	13,700 J	24,800 J	—	14,600	18,100	25,600	20,000	10,400			
Thallium	2.5 B	2.0 B	1.8 U	—	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ	10 U			
Vanadium	1.0 U	11.6 B	13.8 B	—	1.0 U	9.0 B	1.0 U	8.4 B	18 B			
Zinc	21.3 J	18.9 B	4.2 B	—	4.3 U	4.3 U	4.3 U	10.6 B	28			
Volatile Organic Compounds (VOCs)											BRL	BRL
Semi-Volatile Organic Compounds (SVOCs)											BRL	BRL
Pesticides / PCBs											BRL	BRL

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified, the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-58**

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	60.7 B	419	59 B		200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60
Arsenic	2.4 U	2.5 U	2.5 UJ	5.6 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ	3.6 J	20	10
Barium	117 B	129 J	114 B	122 B	113 B	121 B	116 B	113 B	110 B	1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	0.75 J	5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.8 B	0.4 B	0.4 B	5.0 U	5	5
Calcium	97,800	107,000 J	107,000	105,000 J	101,000	101,000	101,000	100,000	98,600		5,000
Chromium	0.50 B	1.9 B	0.20 U	0.20 U	2.0 B	0.7 B	0.4 UJ	2.1 B	10 U	11	10
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.5 U	0.5 B	0.5 U	0.5 U	0.93 B		50
Copper	3.7 B	2.4 B	2.5 B	0.60 U	4.3 B	5.0 B	5.6 B	5.2 B	25 U	25	25
Iron	8.5 U	8.1 U	8.1 U	8.1 U	5.3 U	5.7 B	5.3 U	9.3 B	70 B	7,000	100
Lead	0.80 U	1.2 U	2.6 B	1.2 U	1.6 UJ	1.6 U	3.0 J	2.8 B	3.0 U	4.2	3
Magnesium	28,700	33,100 J	31,700 J	31,600 J	29,600	30,000	31,200	31,800	30,100		5,000
Manganese	0.30 U	4.4 B	5.3 J	34.8	0.5 U	0.5 U	25.1 J	26.2	62 J		15
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 B	0.2	0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	3.1 B	96	40
Potassium	3,020 B	3,660 B	3,210 B	3,800 J	3,270 B	3,380 B	3,840 B	3,820 B	3,740 B		5,000
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 UJ	3.3 U	3.3 U	3.3 U	3.3 U	5.0 U	8.5	5
Silver	0.30 U	0.40 U	0.40 U	0.40 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 B	10	10
Sodium	22,100	27,500 J	24,200 J	28,200 J	23,000	26,800	29,500	29,200	28,200		5,000
Thallium	5.6 B	1.8 U	2.1 B	1.8 U	1.5 R	4.5 J	1.5 UJ	1.5 UJ	5.7 B	40	10
Vanadium	1.0 U	9.8 B	9.6 B	3.2 B	1.0 U	4.1 B	1.0 U	6.3 B	11 J		50
Zinc	9.3 B	9.2 B	0.50 U	0.50 UJ	4.3 U	14.6 B	4.3 U	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	2,230 J	475	1188 B	1,390 J	284 J	265	1,140 J	1,230	1,090		
Antimony	60.0 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	10.0 UJ	2.5 UJ	2.5 U	5.3 B	4.0 J	3.6 U	3.6 UJ	3.6 UJ	10 UJ		
Barium	148 B	120 J	133 J	135 J	122 J	133 B	122 B	124 B	130 B		
Beryllium	0.10 B	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ		
Cadmium	5.00 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	1.0 B	0.7 B	0.7 B	5.0 U		
Calcium	120,000	95,600 J	124,000 J	114,000 J	109,000	110,000	108,000	109,000	112,000		
Chromium	5.0 B	2.9 B	0.20 U	0.90 B	2.3 B	2.0 B	0.4 UJ	2.6 B	10 U		
Cobalt	1.9 B	0.30 U	0.30 U	0.30 U	0.5 U	0.5 B	0.5 U	0.5 U	1.3 B		
Copper	6.9 B	4.6 B	3.6 B	0.60 U	6.2 B	5.6 B	7.1 B	6.9 B	2.2 B		
Cyanide	10.0 U	0.60 U	1.3 B	0.90 B	0.2 U	0.2 U	1.6 U	1.6 U	5.0 U	10	10
Iron	5,710	1,260	859 J	2,890	769	615 J	1,970 J	2,750	2,780		
Lead	1.1 J	1.2 U	4.2	3.0 UJ	1.6 UJ	1.6 U	3.7 J	3.7	2.6 B		
Magnesium	34,000	30,000 J	35,100 J	33,000 J	31,500	32,100	31,800	32,000	32,400		
Manganese	147	45.4	30.2 J	92.0	24.2	16.1 J	56.7	78.9	86 J		
Mercury	0.20 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U		
Nickel	4.4 B	0.80 B	0.40 U	1.3 B	0.4 U	1.0 B	1.3 B	1.6 B	4.1 B		
Potassium	3,920 J	3,430 B	3,450 J	3,750 J	3,340 J	3,480 B	3,490 J	3,530 B	3,740 B		
Selenium	5.0 U	3.1 U	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U		
Silver	10.0 U	0.40 UJ	0.40 U	0.40 U	0.5 B	0.5 U	0.5 U	0.5 U	10 U		
Sodium	22,700	25,200 J	27,000 J	23,800 J	23,400	27,900	25,000	24,300	26,600		
Thallium	5.2 B	1.8 U	1.8 U	1.8 U	1.5 UJ	6.4 J	1.5 UJ	1.5 UJ	2.7 B		
Vanadium	2.3 B	10.1 B	12.3 B	5.0 B	1.0 U	4.0 B	1.0 U	8.2 B	11 J		
Zinc	27.4 J	15.1 B	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	8.2 B		
Volatile Organic Compounds (VOCs)											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit, reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified, the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-59**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)												
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL	
Inorganics - Metals (Dissolved)¹⁴												
Aluminum	808.0	15.3 U	15.3 U	15.3 U	29.9 B	26.9 U	61.7 B	121 B	50 B		200	
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60	
Arsenic	2.4 U	2.5 U	2.5 U	4.6 J	3.6 U	3.6 U	3.6 UJ	3.6 UJ	5.1 B	20	10	
Barium	40.4 B	43.5 J	45.400 B	38.3 B	46.6 B	35.0 B	42.0 B	33.3 B	28 B	1,000	200	
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	5	5	
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5	5	
Calcium	153,000	155,000 J	208,000 U	189,000 J	191,000	180,000	204,000	163,000	159,000		5,000	
Chromium	0.50 B	1.8 B	0.20 U	0.20 U	3.3 B	0.4 U	0.4 UJ	2.8 B	10 U	11	10	
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U		50	
Copper	4.2 B	2.9 B	3.3 B	0.60 U	5.4 B	5.9 B	6.9 B	4.9 B	70 B	25	25	
Iron	17.9 B	8.1 U	8.1 U	53.0 B	5.3 U	5.3 U	5.3 U	24.8 B	100 U	7,000	100	
Lead	0.80 U	1.7 B	1.6 B	1.2 U	1.6 UJ	1.6 U	4.3 J	4.5*	2.9 J	4.2	3	
Magnesium	28,000	25,200 J	43,200 J	43,100 J	37,400	29,800	41,600	26,500	26,200		5,000	
Manganese	0.30 U	0.20 U	0.20 UJ	0.20 U	0.5 U	0.5 U	0.5 UJ	0.5 U	15 U		15	
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	1.2 B	0.2	0.2	
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U	0.1 B	96	40	
Potassium	13,000	11,100	17,800	12,200 J	16,700	19,700	18,900	15,500	11,100		5,000	
Selenium	3.9 U	3.1 U	3.1 U	3.1 UJ	3.7 J	3.3 UJ	3.3 U	3.3 U	5.0 U	8.5	5	
Silver	0.30 U	0.40 U	0.50 B	0.40 U	0.9 B	0.5 U	0.5 U	0.5 U	10 U	10	10	
Sodium	60,800	41,800 J	95,500 J	90,500 J	83,100	60,700	105,000	51,700	46,600		5,000	
Thallium	5.0 B	2.1 B	3.7 B	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	40	10	
Vanadium	1.0 U	7.4 B	14.0 B	3.2 B	1.0 U	4.9 B	1.0 U	7.4 B	11 J		50	
Zinc	21.7	12.3 B	0.50 U	0.50 UJ	4.3 U	7.3 B	4.3 U	4.3 U	20 U	86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	718 J	451	674	578 J	251 J	35.1 B	70.9 J	308	82 B			
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U			
Arsenic	2.4 UJ	2.5 UJ	2.5 U	6.7 B	5.3 J	3.6 U	3.6 UJ	3.6 UJ	10 U			
Barium	43.9 B	46.8 B	60.3 J	53.9 J	50.0 J	35.7 B	37.4 B	39.8 B	28 B			
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ			
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U			
Calcium	111,000	136,000 J	209,000 J	207,000 J	203,000	187,000	185,000	180,000	158,000			
Chromium	0.90 B	2.7 B	0.20 U	0.20 U	2.7 B	0.4 U	0.4 UJ	2.2 B	10 U			
Cobalt	1.90 B	0.50 B	1.1 B	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U	50 U			
Copper	12.2 B	4.8 B	4.8 B	0.60 U	7.3 B	8.2 B	6.8 B	7.1 B	7.3 B			
Cyanide	0.60 U	0.60 U	3.9 B	0.60 U	0.2 U	0.2 U	1.6 U	3.0 B	5.0 U	10	10	
Iron	2,160	1,440	2,430 J	1,620	671	20.2 J	86.0 J	854	30 B			
Lead	1.6 J	3.8	3.8 J	3.0 UJ	1.6 UJ	1.6 U	1.6 U	4.8 J	2.1 J			
Magnesium	18,300	21,800 J	425,000 J	45,200 J	36,900	31,300	34,800	27,900	25,100			
Manganese	61.6	47.7	181 J	94.8	30.5	0.9 J	7.3 B	36.4	6.0 B			
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 B	0.20 U			
Nickel	1.4 B	1.2 B	1.5 B	0.90 B	0.4 U	0.4 U	0.4 U	0.4 U	40 U			
Potassium	8,460 J	10,100	19,600 J	12,900 J	18,200 J	21,200	25,400 J	14,100	9,920			
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U	5.0 U			
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U	10 U			
Sodium	28,600	36,800 J	95,300 J	93,600 J	77,900	61,800	86,500	54,800	41,800			
Thallium	4.3 B	1.8 U	1.8 J	1.8 U	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ	10 U			
Vanadium	1.0 U	7.2 B	9.3 B	5.5 B	1.0 U	7.3 B	1.0 U	6.9 B	8 J			
Zinc	26.2 J	17.0 B	0.50 U	0.50 UJ	4.3 U	5.9 B	4.3 U	4.3 U	20 U			
Volatile Organic Compounds (VOCs)												
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Semi-Volatile Organic Compounds (SVOCs)												
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Pesticides / PCBs												
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- * Field duplicate value of 2.8 was below Trigger Level.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-60**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)												
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL	
Inorganics - Metals (Dissolved)¹⁴			Insufficient Volume	Insufficient Volume					Sampling no longer required - see note 16			
Aluminum	15.4 U	15.3 U	—	—	28.6 B	26.9 U	65.6 B	109 B			200	
Antimony	2.4 U	1.6 U	—	—	4.8 U	4.8 U	4.8 U	4.8 U		60	60	
Arsenic	2.4 U	2.5 U	—	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ		20	10	
Barium	64.1 B	87.4 J	—	—	59.9 B	90.5 B	59.3 B	80.4 B		1,000	200	
Beryllium	0.10 U	0.10 U	—	—	2.3 U	2.3 U	2.3 U	2.3 U		5	5	
Cadmium	0.10 U	0.10 U	—	—	0.2 U	0.2 U	0.2 U	0.2 U		5	5	
Calcium	160,000	124,000 J	—	—	153,000	259,000	139,000	244,000			5,000	
Chromium	1.2 B	1.4 B	—	—	2.7 B	0.8 B	0.4 UJ	3.8 B		11	10	
Cobalt	0.20 U	0.30 U	—	—	0.5 U	0.5 U	1.7 B	0.5 U			50	
Copper	3.80 B	3.6 B	—	—	5.7 B	8.9 B	6.1 B	8.3 B		25	25	
Iron	8.5 U	8.1 U	—	—	5.3 U	13.2 B	2,420	130		7,000	100	
Lead	0.80 U	2.9 B	—	—	1.6 UJ	2.2 B	2.4 J	3.6		4.2	3	
Magnesium	23,800	16,100 J	—	—	35,500	68,900	33,500	61,300			5,000	
Manganese	0.30 U	0.20 U	—	—	0.5 U	0.5 U	742 J	1.4 B			15	
Mercury	0.10 U	0.10 UJ	—	—	0.1 U	0.1 U	0.1 U	0.1 U		0.2	0.2	
Nickel	0.40 U	0.40 U	—	—	0.4 U	0.4 U	1.7 B	0.4 U		96	40	
Potassium	6,650	9,980	—	—	6,120	7,220	5,980	5,020			5,000	
Selenium	3.9 U	3.2 B	—	—	3.3 UJ	3.3 UJ	3.3 U	3.3 U		8.5	5	
Silver	0.30 U	0.40 U	—	—	1.2 B	0.5 U	0.5 U	0.5 U		10	10	
Sodium	15,100	7,300 J	—	—	11,900	20,100	9,840	19,300			5,000	
Thallium	4.3 B	1.8 U	—	—	1.5 R	1.5 U	1.5 UJ	1.5 UJ		40	10	
Vanadium	1.6 B	4.3 B	—	—	1.0 U	10.5 B	1.0 U	8.1 B			50	
Zinc	9.1 B	10.1 B	—	—	4.3 U	10.8 B	4.3 U	4.3 U		86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum	110 J	127 B	—	—	355 J	9,420	18,100 J	426				
Antimony	2.4 U	1.6 U	—	—	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 UJ	2.5 U	—	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ				
Barium	68.6 B	88.4 J	—	—	66.7 J	123 B	125 B	63.4 B				
Beryllium	0.10 U	0.10 U	—	—	2.3 U	2.3 U	2.3 U	2.3 U				
Cadmium	0.10 U	0.10 U	—	—	0.2 U	0.2 B	3.6 B	0.2 U				
Calcium	144,000	122,000 J	—	—	168,000	244,000	146,000	220,000				
Chromium	1.9 B	1.8 B	—	—	2.9 B	19.8	0.4 UJ	2.8 B				
Cobalt	0.20 U	0.30 U	—	—	0.5 U	8.2 B	18.5 B	0.5 U				
Copper	9.10 B	5.3 B	—	—	8.1 B	20.1 B	39.0 J	8.1 B				
Cyanide	0.60 U	0.60 U	—	—	218	0.2 U	—	4.8 B		10	10	
Iron	285	307	—	—	816	21,800 J	42,000 J	648				
Lead	0.80 UJ	1.5 B	—	—	1.6 UJ	10.9	29.4 J	3.8 J				
Magnesium	21,500	16,400 J	—	—	37,400	65,800	35,100	47,700				
Manganese	6.6 B	15.5	—	—	25	726 J	1,160	21.5				
Mercury	0.10 U	0.10 UJ	—	—	0.1 U	0.1 U	0.1 U	0.2 B				
Nickel	0.40 U	0.40 U	—	—	0.4 U	18.3 B	36.7 B	0.4 U				
Potassium	7,430 J	9,910	—	—	6,760 J	8,030	9,800 J	4,810 B				
Selenium	3.9 U	3.6 B	—	—	3.3 R	3.3 UJ	3.3 U	3.3 U				
Silver	0.30 U	0.40 U	—	—	0.6 B	0.5 U	0.5 U	0.5 U				
Sodium	13,200	7,450 J	—	—	12,700	17,500	6,900	16,600				
Thallium	2.7 B	1.8 U	—	—	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ				
Vanadium	1.0 U	4.6 B	—	—	1.0 U	29.1 B	26.3 U	6.3 B				
Zinc	15.4 J	12.6 B	—	—	4.3 U	63.9	111	4.3 U				
Volatile Organic Compounds (VOCs)	BRL	BRL	—	—	BRL	BRL	BRL	BRL				
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	—	—	—	BRL				
Pesticides / PCBs	BRL	BRL	—	—	—	BRL	—	BRL				

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-61**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	266	15.3 U	32.4 B	26.9 U	26.9 U	26.9 U	37.7 B	200 U		200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60
Arsenic	3.6 B	2.5 U	2.5 UJ	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U	20	10
Barium	24.4 B	25.6 J	63.3 B	28.7 B	19.1 B	21.2 B	24.1 B	31.3 B	18 B	1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.2 B	0.6 B	0.5 B	5.0 U	5	5
Calcium	362,000	252,000 J	222,000	322,000 J	469,000	471,000	296,000	332,000	421,000		5,000
Chromium	0.3 B	3.4 B	0.20 U	0.2 U	4.9 B	0.8 B	0.4 UJ	3.7 B	10 U	11	10
Cobalt	0.40 B	1.2 B	0.30 U	1.5 B	1.1 B	1.2 B	0.9 B	0.8 B	0.70 B		50
Copper	4.2 B	4.6 B	2.4 B	0.60 U	6.9 B	9.9 B	10.4 B	12.4 B	14 B	25	25
Iron	20.9 B	1,660	31.2 B	713	645	17.9 B	5.3 U	1910	100 U	5,000	100
Lead	2.10 B	3.3	2.0 B	1.2 U	1.6 UJ	2.1 B	5.1 J	3.6	2.7 J	4.2	3
Magnesium	77,600	51,400 J	54,800 J	74,400 J	93,200	101,000	65,400	79,000	99,100		5,000
Manganese	118	291	227 J	881	433	328	409 J	425	86		15
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2	0.2
Nickel	3.4 B	3.6 B	1.2 B	4.3 B	4.6 B	7.3 B	6.0 B	6.5 B	5.0 B	96	40
Potassium	13,300	8,870	9,240	10,700 J	14,500	16,600	12,500	12,100	12,800		5,000
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 UJ	3.3 U	3.3 UJ	3.3 U	3.3 U	5.0 U	8.5	5
Silver	0.30 U	0.40 U	0.40 U	0.70 B	2.1 B	0.5 U	0.5 U	0.5 U	10 U	10	10
Sodium	53,700	49,500 J	78,000 J	98,200 J	66,100	74,300	72,000	92,800	71,000		5,000
Thallium	6.6 B	1.8 U	2.7 B	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ	10 U	40	10
Vanadium	1.2 B	13.5 B	12.1 B	5.4 B	1.0 U	12.5 B	1.0 U	10.8 B	16 J		50
Zinc	16.8 B	21.5	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	23.6 J	15.3 U	15.3 U	225 J	32.2 J	131.0 B	107.0 J	8620	47 B		
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	2.4 UJ	2.5 U	2.5 U	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ	4.3 B		
Barium	23.3 B	24.4 J	34.6 J	37.2 J	17.5 J	20.1 B	25.1 B	122 B	16 B		
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ		
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.3 B	2.3 B	5.0 U		
Calcium	380,000	292,000 J	334,000 J	312,000 J	457,000	443,000	340,000	401,000	396,000		
Chromium	0.3 B	3.9 B	0.20 U	0.20 U	4.7 B	1.1 B	0.4 UJ	0.4 U	10 U		
Cobalt	0.3 B	1.5 B	0.30 U	0.30 U	0.8 B	0.9 B	1.0 B	8.2 B	0.87 B		
Copper	5.20 B	4.8 B	3.9 B	1.3 B	7.5 B	13.8 B	11.5 B	23.1 B	13 B		
Cyanide	0.60 U	0.60 U	1.0 B	0.60 U	196	0.2 U	1.6 U	1.9 B	5.0 U	10	10
Iron	188	1,390	133 J	934	161	1,080 J	925 J	32900	220		
Lead	0.80 UJ	2.4 B	1.2 U	3.0 UJ	1.6 UJ	2.7 B	2.7 J	16.9 J	2.4 J		
Magnesium	75,700	63,700 J	66,000 J	65,000 J	89,300	92,100	74,100	96,900	89,800		
Manganese	50.1	486	240 J	106	336	253 J	418	896	78		
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.2	0.20 U		
Nickel	2.8 B	3.9 B	2.9 B	4.8 B	3.4 B	7.0 B	5.5 B	23.9 B	4.2 B		
Potassium	14,300 J	9,530	13,000 J	11,700 J	14,700 J	15,500	13,500 J	14,000	11,600		
Selenium	4.9 B	3.1 U	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U	5.0 U		
Silver	0.30 U	0.40 U	0.70 B	0.50 B	2.1 B	0.5 U	0.5 U	0.5 U	10 U		
Sodium	50,000	61,400 J	51,700 J	65,000 J	57,000	67,900	83,800	94,500	51,700		
Thallium	4.8 B	1.8 U	2.0 B	1.8 U	1.5 U	1.5 U	1.5 UJ	1.5 UJ	10 U		
Vanadium	1.0 U	18.1 B	13.0 B	5.6 B	1.0 U	14.4 B	1.0 U	20.4 B	13 J		
Zinc	15.6 J	18.6 B	0.50 U	0.50 UJ	4.3 U	7.4 B	4.3 U	55.6	20 U		
Volatile Organic Compounds (VOCs)											
BRL											
Semi-Volatile Organic Compounds (SVOCs)											
BRL											
Pesticides / PCBs											
BRL											

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62A**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴										Sampling no longer required - see note 16	
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	26.9 U	65.1 B	97.7 B			200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U		60	60
Arsenic	2.4 U	2.5 U	2.5 UJ	2.5 U	3.6 U	3.6 U	3.6 UJ	3.6 UJ		20	10
Barium	101 B	88.9 J	98.9 B	97.8 B	105 B	108 B	110 B	110 B		1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U		5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.7 B	0.6 B	0.8 B		5	5
Calcium	119,000	114,000 J	127,000	115,000 J	111,000	128,000	126,000	122,000			5,000
Chromium	0.40 B	2.5 B	0.20 U	0.20 U	2.9 B	0.4 U	0.4 UJ	2.8 B		11	10
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	0.5 U	0.5 U			50
Copper	4.6 B	4.7 B	3.5 B	0.60 U	6.1 B	7.5 B	7.5 B	14.4 B		25	25
Iron	8.5 U	8.1 U	8.1 U	8.1 U	5.3 U	5.3 U	20.8 B	121		7,000	100
Lead	0.80 U	2.8 B	1.3 B	1.2 U	1.6 UJ	2.9 B	1.9 J	19.9		4.2	3
Magnesium	44,000	40,700 J	46,300 J	41,100 J	41,200	43,800	43,700	43,300			5,000
Manganese	0.30 U	0.20 U	33.4 J	2.3 B	120	3.3 B	0.5 UJ	1.8 B			15
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U		0.2	0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U		96	40
Potassium	7,220	6,200	7,300	6,740 J	7,180	6,470	6,670	6,710			5,000
Selenium	3.9 U	3.1 U	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 U	3.3 U		8.5	5
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U		10	10
Sodium	103,000	96,300 J	106,000 J	101,000 J	104,000	102,000	103,000	104,000			5,000
Thallium	5.5 B	1.8 U	1.8 U	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ		40	10
Vanadium	2.5 B	12.4 B	11.5 B	3.3 B	1.0 U	7.9 B	1.0 U	7.9 B			50
Zinc	7.9 B	14.4 B	0.50 U	0.50 UJ	4.3 U	9.1 B	4.3 U	4.3 U		86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	5,190 J	228	192 B	1,190 J	483 J	648	2,650 J	625			
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			
Arsenic	2.4 UJ	2.5 UJ	2.5 U	4.0 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ			
Barium	218	95.4 J	107 J	108 J	125 J	119 B	157 B	113 B			
Beryllium	0.20 B	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U			
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.8 B	1.3 B	1.0 B			
Calcium	166,000	117,000 J	134,000 J	119,000 J	127,000	128,000	138,000	129,000			
Chromium	15.3	3.3 B	0.20 U	1.6 B	3.9 B	3.2 B	0.4 UJ	3.5 B			
Cobalt	5.6 B	0.30 U	0.30 U	0.30 U	0.5 U	0.5 U	2.0 B	0.5 U			
Copper	14.2 B	6.1 B	6.0 B	1.1 B	7.8 B	11.9 B	12.8 B	13.8 B			
Cyanide	0.60 U	0.60 U	0.90 B	0.60 U	0.2 U	0.2 U	1.6 U	1.6 B		10.0	10.0
Iron	13,600	629	1,020 J	2,940	1,270	1,850 J	6,640 J	1,180			
Lead	5.9 J	2.0 B	3.3 J	3.0 UJ	1.6 UJ	2.7 B	6.2 J	3.6 J			
Magnesium	54,400	42,800 J	47,100 J	39,800	46,400	42,200	46,500	43,400			
Manganese	395	14.4 B	51.5 J	74.8	159	48.7 J	201.0	30.3			
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.2			
Nickel	16.0 B	0.80 B	0.40 U	1.9 B	0.7 B	2.5 B	7.7 B	1.0 B			
Potassium	9,290 J	6,610	7,230 J	6,400 J	7,770 J	6,220	7,280 J	6,540			
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U			
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U			
Sodium	113,000	102,000 J	105,000 J	96,500 J	11,000	99,400	102,000	99,700			
Thallium	3.9 B	1.8 U	1.8 UJ	1.8 U	1.5 UJ	1.5 U	1.5 UJ	1.5 UJ			
Vanadium	8.1 B	12.4 B	9.2 B	4.5 B	1.0 U	8.4 B	1.0 U	8.8 B			
Zinc	53.1 J	14.7 B	0.50 U	0.50 UJ	4.3 U	11.3 B	13.1 B	4.5 B			
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62B**

Quarterly Sampling Results (All Results Expressed in Units of mg/l)											TRIGGER LEVEL	CRQL
Compound	Dec-07	Mar-08	Jun-08 ##	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10			
Inorganics - Metals (Dissolved)¹⁴	Insufficient Volume							Insufficient Volume	Insufficient Volume	Sampling no longer required - see note 16		
Aluminum	—	200.0 U	15.9 U	32.9 B	215	26.9 U	—	—	—	—		200
Antimony	—	60.0 U	1.6 U	1.6 U	4.8 U	4.8 U	—	—	—	—	60	60
Arsenic	—	10.0 U	2.5 UJ	2.5 U	3.6 U	3.6 U	—	—	—	—	20	10
Barium	—	21.9 B	41.8 B	227	32.3 B	49.5 B	—	—	—	—	1,000	200
Beryllium	—	5.0 U	0.10 U	0.1 U	2.3 U	2.3 U	—	—	—	—	5	5
Cadmium	—	5.0 U	0.10 U	0.1 U	0.2 U	0.2 U	—	—	—	—	5	5
Calcium	—	239,000	273,000	310,000 J	248,000	345,000	—	—	—	—		5,000
Chromium	—	0.50 B	3.3 U	0.2 U	3.7 B	0.7 B	—	—	—	—	11	10
Cobalt	—	50.0 U	0.50 B	10.6 B	1.4 B	0.9 B	—	—	—	—		50
Copper	—	4.3 B	4.6 U	1.8 B	7.1 B	12.3 B	—	—	—	—	25	25
Iron	—	11.5 B	8.1	41.9 B	569	286	—	—	—	—	7,000	100
Lead	—	1.2 B	3.1 B	1.2 U	1.6 UJ	2.7 B	—	—	—	—	4.2	3
Magnesium	—	48,600	56,700 J	82,300 J	48,400	69,900	—	—	—	—		5,000
Manganese	—	15.0 U	223 J	2,700	127	454	—	—	—	—		15
Mercury	—	0.20 U	0.10 U	0.1 U	0.1 U	0.1 U	—	—	—	—	0.2	0.2
Nickel	—	40.0 U	4.6 B	19.5 B	1.3 B	5.4 B	—	—	—	—	96	40
Potassium	—	3,220 B	1,000	20,200 J	5,430	8,480	—	—	—	—		5,000
Selenium	—	5.0 U	3.1 J	3.1 UJ	3.3 UJ	3.3 U	—	—	—	—	8.5	5
Silver	—	0.30 B	0.40 B	0.5 B	1.1 B	0.5 U	—	—	—	—	10	10
Sodium	—	33,900	54,500 J	75,400 J	41,800	69,000	—	—	—	—		5,000
Thallium	—	3.4 B	1.8 U	1.8 U	1.5 R	1.5 U	—	—	—	—	40	10
Vanadium	—	1.7 B	16.0 B	4.7 B	1.0 U	9.9 B	—	—	—	—		50
Zinc	—	32.3	52.6	32.7 J	25.6	56.6	—	—	—	—	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	1,610 J	1,320 B	—	—	—	—	—	—	—		
Antimony	—	60.0 U	1.6 U	—	—	—	—	—	—	—		
Arsenic	—	10.0 UJ	2.5 U	—	—	—	—	—	—	—		
Barium	—	31.2 B	43.4 J	—	—	—	—	—	—	—		
Beryllium	—	0.10 B	0.10 U	—	—	—	—	—	—	—		
Cadmium	—	5.00 U	0.10 UJ	—	—	—	—	—	—	—		
Calcium	—	242,000	270,000 J	—	—	—	—	—	—	—		
Chromium	—	3.5 B	5.1 U	—	—	—	—	—	—	—		
Cobalt	—	1.4 B	1.7 B	—	—	—	—	—	—	—		
Copper	—	7.2 B	13.0 U	—	—	—	—	—	—	—		
Cyanide	—	10.0 U	0.60	—	—	—	—	—	—	—	10.0	10.0
Iron	—	6,820	3,970 J	—	—	—	—	—	—	—		
Lead	—	1.8 J	4.6 UJ	—	—	—	—	—	—	—		
Magnesium	—	49,800	59,300 J	—	—	—	—	—	—	—		
Manganese	—	155	461 J	—	—	—	—	—	—	—		
Mercury	—	0.20 U	0.10 U	—	—	—	—	—	—	—		
Nickel	—	3.1 B	8.3 B	—	—	—	—	—	—	—		
Potassium	—	3,680 J	13,100 J	—	—	—	—	—	—	—		
Selenium	—	5.0 U	3.1 J	—	—	—	—	—	—	—		
Silver	—	10.0 U	0.40 B	—	—	—	—	—	—	—		
Sodium	—	34,000	59,500 J	—	—	—	—	—	—	—		
Thallium	—	2.3 B	1.8 UJ	—	—	—	—	—	—	—		
Vanadium	—	50.0 U	18.2 B	—	—	—	—	—	—	—		
Zinc	—	71.0 J	80.5	—	—	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL BRL	—	BRL	BRL	—	—	—	—		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	—	—	—	—	—	—		
Pesticides / PCBs	BRL	BRL	—	—	—	—	—	—	—	—		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-63**

Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	15.3 U	15.3 U	583	38.6 B	26.9 U	32.1 B	144 B	19 B		200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60
Arsenic	2.4 U	2.5 U	2.5 UJ	2.5 U	3.6 U	4.4 B	3.6 UJ	3.6 UJ	6.0 B	20	10
Barium	21.3 B	32.0 J	46.4 B	43.4 B	27.1 B	29.7 B	33.2 B	36.7 B	29 B	1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ	5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.6 B	0.2 U	0.2 B	5.0 U	5	5
Calcium	271,000	266,000 J	343,000	290,000 J	336,000	238,000	227,000	224,000	284,000		5,000
Chromium	0.30 U	3.6 B	0.20 U	0.20 U	4.9 B	0.9 B	0.4 UJ	2.7 B	10 U	11	10
Cobalt	0.20 U	0.30 U	0.60 B	0.40 B	0.5 U	0.8 B	1.9 B	0.5 U	50 U		50
Copper	3.0 B	4.2 B	0.60 U	1.3 B	7.0 B	7.9 B	7.8 B	8.2 B	12 B	25	25
Iron	8.5 U	265	8.1 U	1,440	5.3 U	5.3 U	6.2 B	120	10 U	7,000	100
Lead	0.80 U	1.2 B	1.2 U	1.2 U	1.6 UJ	2.8 B	2.4 J	1.6 U	1.5 J	4.2	3
Magnesium	69,900	65,600 J	81,100 J	70,200 J	80,000	54,800	52,100	52,100	71,100		5,000
Manganese	12.7 B	1,470	1,520 J	832	12.2 B	507	1,740 J	639	17		15
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 B	0.2	0.2
Nickel	0.40 U	2.0 B	0.50 B	3.1 B	0.4 U	2.4 B	2.1 B	1.0 B	40 U	96	40
Potassium	3,550 B	5,390	7,500	6,840 J	5,300	5,820	6,810	6,320	4,440 B		5,000
Selenium	3.9 U	3.1 U	4.7 J	3.4 J	4.7 J	3.3 U	3.3 U	3.3 U	5.0 U	8.5	5
Silver	0.30 U	0.40 U	0.60 B	0.40 U	1.7 B	0.5 U	0.5 U	0.5 U	10 U	10	10
Sodium	31,700	40,100 J	65,700 J	65,200 J	46,000	38,300	46,500	34,000	31,700		5,000
Thallium	3.6 B	1.8 U	1.8 U	1.8 U	1.5 R	2.1 J	1.5 UJ	1.5 U	10 U	40	10
Vanadium	2.4 B	18.5 B	14.1 B	4.5 B	1.0 U	5.5 B	1.0 U	7.9 B	16 J		50
Zinc	10.0 B	14.3 B	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	1,370 J	3,550	882	5,080 J	3,190 J	1,970	5,580 J	760	200 U		
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	2.4 UJ	2.5 UJ	4.7 B	5.4 B	5.9 J	3.6 U	3.6 UJ	3.6 UJ	10 U		
Barium	29.0 B	49.7 J	52.0 J	70.3 J	42.1 J	36.0 B	68.5 B	41.0 B	28 B		
Beryllium	0.10 U	0.20 B	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ		
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.9 B	1.2 B	0.3 B	5.0 U		
Calcium	272,000	267,000 J	348,000 J	355,000	349,000	230,000	252,000	231,000	250,000		
Chromium	2.0 B	8.4 B	0.20 U	4.1 B	8.4 B	3.5 B	0.4 UJ	3.2 B	10 U		
Cobalt	1.1 B	2.5 B	0.90 B	4.6 B	1.9 B	1.5 B	5.9 B	1.2 B	50 U		
Copper	6.4 B	11.1 B	3.1 B	9.2 B	14.0 B	9.8 B	17.1 B	9.5 B	11 B		
Cyanide	0.60 U	0.60 U	1.90 B	0.70 B	0.2 U	0.2 U	1.6 U	1.6 U	7.6	10	10
Iron	2,700	7,590	2,360 J	11,200	6,770	3,100 J	13,800 J	1,730	100 J		
Lead	0.8 UJ	5.7	1.4 J	5.6 J	3.1 J	3.4	10.6 J	5.7 J	1.6 B		
Magnesium	70,700	64,600 J	82,700 J	83,600 J	82,400	53,400	58,900	52,700	61,600		
Manganese	164	1,060	687 J	986	331	497 J	1,460	705	13 B		
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U		
Nickel	1.5 B	8.1 B	2.2 B	11.6 B	4.4 B	4.5 B	12.9 B	1.9 B	40 U		
Potassium	4,080 J	6,250	7,600 J	8,170 J	5,990 J	6,350	8,430 J	6,610	4,170 B		
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U		
Silver	0.30 U	0.40 U	0.40 U	0.40 U	2.2 B	0.5 U	0.5 U	0.5 U	10 U		
Sodium	30,100	36,600 J	65,400 J	66,300 J	46,200	35,700	43,900	33,700	27,500		
Thallium	4.1 B	1.8 U	1.8 UJ	1.8 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	10 U		
Vanadium	1.0 U	25.6 B	12.0 B	13.8 B	1.0 U	7.9 B	1.0	7.9 B	11 J		
Zinc	19.4 J	38.5	0.50 U	14.7 J	15.5 B	6.9 B	28.4	4.3 U	20 U		
Volatile Organic Compounds (VOCs)											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs											
	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-64**

Quarterly Sampling Result (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10		
Inorganics - Metals (Dissolved)¹⁴										Sampling no longer required - see note 17	
Aluminum	15.4 U	15.3 U	15.3 U	70.3 B	26.2 U	26.9 U	58 B	96.7 B			200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			60
Arsenic	2.4 U	2.5 U	2.5 U	5.8 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ			20
Barium	43.1 B	48.6 J	48.4 B	43.1 B	41.5 B	47.5 B	44.5 B	42.2 B			1,000
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U			5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.2 U	0.2 U	0.2 U	0.2 U			5
Calcium	166,000	151,000 J	194,000	181,000 J	174,000	182,000	170,000	173,000			5,000
Chromium	0.4 B	3.3 B	0.20 U	0.20 U	3.8 B	0.6 B	0.4 UJ	3.4 B			11
Cobalt	1.00 B	2.0 B	0.40 B	0.30 U	0.5 U	0.6 B	0.5 U	0.5 U			50
Copper	2.8 B	3.5 B	0.60 B	0.60 U	5.7 B	7.3 B	8.0 B	7.7 B			25
Iron	8.5 U	8.1 U	8.1 U	160	5.3 U	46.8 B	21 B	213			7,000
Lead	0.80 U	3.2	1.2 U	1.2 U	1.6 UJ	1.6 U	1.7 J	4.3			4.2
Magnesium	54,000	51,500 J	62,900 J	55,100 J	54,500	56,600	50,500	526,000			5,000
Manganese	1150	2,080	619.0 J	611	398	983	90.6 J	79.3			15
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U			0.2
Nickel	2.9 B	4.6 B	4.0 B	2.8 B	0.7 B	2.7 B	0.9 B	1.1 B			96
Potassium	12,400	17,100	17,100	7,600 J	9,160	12,700	5,980	6,390			5,000
Selenium	3.9 U	3.1 U	3.1 U	3.1 UJ	3.7 J	3.3 UJ	3.3 U	3.3 U			8.5
Silver	0.30 U	0.40 U	0.50 B	0.40 U	0.8 B	0.5 U	0.5 U	0.5 U			10
Sodium	39,400	41,300 J	52,900 J	45,900 J	36,800	42,500	32,700	33,500		5,000	
Thallium	2.9 B	1.8 U	1.8 U	1.8 U	1.5 R	1.5 U	1.5 UJ	1.5 UJ		40	
Vanadium	3.2 B	14.3 B	13.6 B	3.5 B	1.0 U	8.7 B	1.0 U	9.4 B		50	
Zinc	7.4 B	10.2 B	0.50 U	0.50 UJ	4.3 U	4.3 U	4.3 U	4.3 U		86	
Inorganics - Metals and Cyanide (Total)											
Aluminum	1,730 J	583	333	6670 J	135 J	38.8 B	881.0 J	536			
Antimony	2.4 UJ	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U			
Arsenic	2.4 UJ	2.5 UJ	2.5 U	2.5 B	5.4 J	3.6 U	3.6 UJ	3.6 UJ			
Barium	39.7 B	56.2 J	49.3 J	62.5 B	44.7 J	49.0 B	46.0 B	44.1 B			
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U			
Cadmium	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.2 U	0.2 U	0.3 B	0.3 B			
Calcium	228,000	167,000 J	206,000 J	198,000 J	195,000	183,000	174,000	178,000			
Chromium	2.3 B	4.8 B	0.20 U	8.4 B	3.6 B	0.9 B	0.4 UJ	3.6 B			
Cobalt	2.4 B	3.8 B	1.6 B	7.9 B	1.1 B	0.5 U	1.1 B	0.5 U			
Copper	5.6 B	5.2 B	1.1 B	4.8 B	10.0 B	7.3 B	8.4 B	7.9 B			
Cyanide	0.60 B	3.0 B	2.1 B	1.4 B	0.2 U	0.2 U	1.6 U	1.6 U		10	
Iron	2,690	2,030	1,300 J	14,500	405	1,160 J	2,330 J	1,250			
Lead	0.8 UJ	1.8 B	2.9 J	3.3 J	1.6 UJ	2.2 B	4.1 J	4.1 J			
Magnesium	64,800	56,700 J	66,000 J	59,300 J	61,600	55,900	49,400	52,800			
Manganese	1,200	2,690	793 J	1,330	646	867 J	695	233			
Mercury	0.10 U	0.10 UJ	0.10 U	0.10 U	0.1 U	0.1 U	0.1 U	0.1 U			
Nickel	4.4 B	7.0 B	6.3 B	13.9 B	2.2 B	1.7 B	2.6 B	0.6 B			
Potassium	10,400 J	20,800	20,400 J	9,480 J	12,500 J	11,900	6,440 J	6,700			
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 U	3.3 R	3.3 UJ	3.3 U	3.3 U			
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.0 B	0.5 U	0.5 U	0.5 U			
Sodium	38,200	47,400 J	59,000 J	45,300 J	44,200	41,000	32,500	33,700			
Thallium	2.7 B	1.8 U	1.8 UJ	1.8 U	1.5 UJ	1.5	1.5 UJ	1.5 UJ			
Vanadium	1.0 U	18.3 B	9.2 B	12.8 B	1.0 U	7.5	1.0 U	8.4 B			
Zinc	22.3 J	14.0 B	0.50 U	14.7 J	4.3 U	13.9	4.3 U	4.3 U			
Volatile Organic Compounds (VOC's)											
Semi-Volatile Organic Compounds (SVOC's)											
Pesticides / PCBs											

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit, reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified, the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Switch to different format for fourth quarter 2007
- 17) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-65**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
Compound	Dec-07	Mar-08	Jun-08	##	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴	Insufficient Volume			Insuffi			Insufficient Volume				
Aluminum	—	15.4 U	88.5	—	38.2 B	26.9 U	—	105.0 B	110 B		200
Antimony	—	2.4 U	1.6	—	4.8 U	4.8 U	—	4.8 U	60 U	60	60
Arsenic	—	2.4 UJ	2.5	—	3.6 U	3.6 U	—	3.6 UJ	10 U	10	10
Barium	—	31.0 B	28.5	—	19.3 B	20.3 B	—	21 B	17 B	1,000	200
Beryllium	—	0.10 U	0.10	—	2.3 U	2.3 U	—	2.3 U	5.0 UJ	5	5
Cadmium	—	0.10 U	0.10	—	0.2 U	0.5 B	—	0.3 B	5.0 U	5	5
Calcium	—	169,000	190,000	—	187,000	204,000	—	201,000	160,000		5,000
Chromium	—	0.30 U	6.4	—	7.7 B	2.8 B	—	6.7 B	10 U	11	10
Cobalt	—	0.20 U	0.3	—	0.5 U	0.5 U	—	0.5 U	50 U		50
Copper	—	1.3 B	3.2	—	5.1 B	9.3 B	—	10.6 B	13 B	25	25
Iron	—	124	8.1	—	5.3 U	5.9 B	—	283	110	5,000	100
Lead	—	0.80 UJ	2.3	—	1.6 UJ	2.3 B	—	4.8 J	2.3 J	4.2	3
Magnesium	—	108,000	138,000	—	139,000	143,000	—	138,000	73,400		5,000
Manganese	—	0.30 U	0.20	—	0.5 U	0.5 U	—	0.5 U	4.8 B		15
Mercury	—	0.10 U	0.10	—	0.1 U	0.1 U	—	0.1 U	0.20 U	0.2	0.2
Nickel	—	0.40 U	0.40	—	0.4 U	0.4 U	—	0.4 U	1.5 B	96	40
Potassium	—	3,870 B	3980.0	—	4220 B	4400 B	—	4,930 B	2,760 B		5,000
Selenium	—	3.9 U	3.1	—	5.0 J	3.3 U	—	3.3 U	5.0 U	8.5	5
Silver	—	0.30 U	0.40	—	1.1 B	0.5 U	—	0.5 U	10 U	10	10
Sodium	—	30,000	31800.0	—	33400	34100	—	33,700	24,300		5,000
Thallium	—	3.8 B	1.8	—	1.5 R	3.0 J	—	1.5 UJ	10 U	40	10
Vanadium	—	1.0 U	29.1	—	1.0 U	16.2 B	—	15.7 B	14 J		50
Zinc	—	9.4 B	14.4	—	4.3 U	4.3 U	—	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	2,610	2,450	—	1,200 J	5,400	13,900 J	3,450	250		
Antimony	—	60.0 U	1.6	—	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	—	10.0 UJ	2.5	—	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U		
Barium	—	48.3 B	40.6	—	25.7 J	43.0 B	79.3 B	35.5 B	20 B		
Beryllium	—	0.10 B	0.10	—	2.3 U	2.3 U	2.3 U	2.3 U	5.0 UJ		
Cadmium	—	5.00 U	0.10	—	0.2 U	1.4 B	2.6 B	1.2 B	5.0 U		
Calcium	—	181,000	191,000	—	196,000	217,000	263,000	208,000	168,000		
Chromium	—	6.7 B	12.5	—	9.8 B	13.0	3.5 J	7.2 B	10 U		
Cobalt	—	2.5 B	2.5	—	1.7 B	5.0 B	16.2 B	3.3 B	50 U		
Copper	—	6.7 B	9.1	—	10.6 B	18.2 B	32.9	18.1 B	14 B		
Cyanide	—	10.0 U	0.60	—	0.2 U	0.2 U	—	—	16.8	10	10
Iron	—	7,680	7,060	—	3,030	8,410 J	38,400 J	9,320	590 J		
Lead	—	4.4 J	7.7	—	1.6 UJ	8.0	22.4 J	9.3 J	3.2		
Magnesium	—	114,000	139,000	—	141,000	146,000	159,000	135,000	72,600		
Manganese	—	232	192	—	103	360 J	1010	293	20		
Mercury	—	0.20 U	0.10	—	0.1 U	0.1 U	0.1 U	0.2	0.20 U		
Nickel	—	5.9 B	4.7	—	1.9 B	8.9 B	35.9 B	9.9 B	40 U		
Potassium	—	4,630 J	4,740	—	4,750 J	6,360	8,500 E	5,810	2,820 B		
Selenium	—	5.0 U	3.1	—	3.3 R	3.3 U	3.3 U	3.3 U	5.0 U		
Silver	—	10.00 U	0.40	—	1.3 B	0.5 U	0.5 U	0.5 U	10 U		
Sodium	—	31,600	32,500	—	34,900	35,200	36,100	32,500	25,100		
Thallium	—	4.1 B	2.5	—	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	10 U		
Vanadium	—	4.5 B	34.3	—	1.0 U	25.1 B	1.0 U	14.1 B	13 J		
Zinc	—	31.5 J	30.7	—	4.3 U	19.7 U	83.3	16.4 B	20 U		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	—	BRL	BRL	BRL	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	—	—	—	—	BRL		
Pesticides / PCBs	BRL	BRL	—	—	—	—	—	—	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-50**

Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴			No Flow								
Aluminum	15.4 U	26.0 B	—	15.3 U	34.1 B	26.9 U	26.9 U	57.1 B	200 J		200
Antimony	2.4 U	1.6 U	—	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60
Arsenic	2.4 U	2.5 U	—	10.0 B	3.6 U	3.6 U	3.6 UJ	3.6 UJ	10 U	20	10
Barium	37.9 B	44.8 B	—	30.9 B	45.1 B	47.9 B	38.5 B	40.5 B	42 B	1,000	200
Beryllium	0.10 U	0.10 U	—	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U	5	5
Cadmium	0.10 U	0.10 U	—	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U	5.0 U	5	5
Calcium	77,300	80,600	—	70,500 J	96,600	77,100	66,400 J	96,300	92,700		5,000
Chromium	0.8 B	1.4 B	—	0.20 U	1.90 B	0.90 B	0.7 B	2.3 B	0.49 B	11	10
Cobalt	0.20 U	0.30 U	—	0.30 U	0.50 U	0.60 B	0.5 U	0.5 U	50 U		50
Copper	3.3 B	2.3 B	—	0.60 U	5.60 B	6.00 B	3.0 B	5.4 B	5.4 B	25	25
Iron	8.5 U	8.1 U	—	8.1 U	5.3 U	6.9 B	5.3 U	5.3 U	100 U	7,000	100
Lead	0.80 U	1.8 B	—	1.2 U	1.6 UJ	1.6 U	1.6 U	3.6 J	3.0 U	4.2	3
Magnesium	20,200	21,100	—	18,600 J	25,700	23,500	17,800 J	28,400	25,100		5,000
Manganese	0.3 U	0.40 B	—	0.20 U	0.70 B	2.50 B	0.5 U	0.5 U	2.9 B		15
Mercury	0.10 U	0.10 U	—	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.20 U	0.2	0.2
Nickel	0.40 U	0.50 B	—	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	40 U	96	40
Potassium	1,640 B	2,640 B	—	2,800 J	2,400 B	3,080 B	3,290 J	2,450 B	2,580 J		5,000
Selenium	3.9 U	3.1 U	—	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U	5.0 UJ	8.5	5
Silver	0.30 U	0.40 U	—	0.40 U	0.60 B	0.50 U	0.50 U	0.5 U	10 U	10	10
Sodium	56,300	34,500	—	41,100 J	97,300	64,000	43,900 J	50,700	52,800		5,000
Thallium	3.1 B	3.5 B	—	1.8 U	1.5 UJ	5.5 J	1.5 U	1.5 UJ	10 U	40	10
Vanadium	1.0 U	6.5 B	—	0.90 B	1.00 U	5.00 B	1.0 U	6.7 B	7.4 B		50
Zinc	8.0 B	10.6 B	—	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	111 B	299	—	24.8 B	173 B	38.1 B	26.9 U	76.3 B	230 J		
Antimony	2.4 U	1.6 U	—	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	2.4 U	2.5 U	—	8.9 B	3.6 U	3.6 U	8.0 B	3.6 U	3.3 B		
Barium	39.0 B	47.3 B	—	32.1 J	47.2 B	46.5 B	37.9 B	40.5 B	43 B		
Beryllium	0.10 U	0.10 U	—	0.10 U	2.3 U	2.3 U	2.3 U	2.3 U	5.0 U		
Cadmium	0.10 U	0.10 U	—	0.10 U	0.20 U	0.20 U	0.20 U	0.2 U	5.0 U		
Calcium	78,300	78,000	—	73,200 J	98,800	77,800	66,100 J	95,200	92,000		
Chromium	0.70 B	1.9 B	—	0.20 U	2.1 B	1.0 B	0.6 B	1.6 B	0.52 B		
Cobalt	0.20 U	0.30 U	—	0.30 U	0.50 U	0.50 B	0.50 U	0.5 U	50 U		
Copper	3.5 B	3.3 B	—	0.60 U	6.7 B	6.5 B	3.1 B	5.7 B	6.2 B		
Cyanide	0.60 U	0.60 U	—	0.60 U	0.70 B	0.20 U	1.60 U	1.6 U	4.9 B	10	10
Iron	142	525	—	19.5 B	253	27.0 B	27.6 B	127	400		
Lead	0.80 U	2.0 B	—	3.0 UJ	1.6 UJ	1.6 U	1.6 U	2.3 J	3.0 U		
Magnesium	20,900	20,600	—	19,000 J	26,100	23,000	17,700 J	27,700	24,900		
Manganese	1.5 B	24.1	—	0.20 U	15.5	3.4 B	0.5 U	5.2 B	18		
Mercury	0.10 U	0.10 U	—	0.10 U	0.10 U	0.10 U	0.10 U	0.1 B	0.2 U		
Nickel	0.40 U	0.60 B	—	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	40 U		
Potassium	1,680 B	2,640 B	—	2,810 J	2,470 B	3,210 B	3,280 J	2,470 B	2,800 J		
Selenium	3.9 U	3.1 U	—	3.1 UJ	4.6 J	3.3 UJ	3.3 UJ	3.3 U	5.0 UJ		
Silver	0.30 U	0.40 U	—	0.40 U	0.50 U	0.50 U	0.50 U	0.5 U	10 U		
Sodium	57,900	33,600	—	41,000 J	97,400	65,600	44,300 J	49,300	52,300		
Thallium	5.4 B	2.8 B	—	9.8 B	1.5 UJ	5.5 J	1.5 U	1.5 UJ	10 U		
Vanadium	1.0 U	5.2 B	—	0.80 U	1.0 U	5.2 B	1.0 U	4.7 B	8.6 B		
Zinc	8.9 B	12.0 B	—	0.50 UJ	4.3 U	4.3 U	4.3 UJ	4.3 U	20 U		
Volatiles Organic Compounds (VOCs)	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio**
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-51

Quarterly Sampling Result (All Results Expressed in Units of µg/l)											TRIGGER LEVEL	CRQL
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10			
Inorganics - Metals (Dissolved)¹⁴										Sampling no longer required - see note 16		
Aluminum	15.4 U	15.3 U	15.3 U	15.3 U	26.9 U	27.6 B	26.9 U	103 B				200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				60
Arsenic	2.4 U	2.5 U	2.5 UJ	2.9 B	3.6 U	3.6 U	4.1 UJ	3.6 UJ				20
Barium	41.0 B	47.9 B	43.2 B	32.8 B	47.8 B	47.1 B	37.2 B	40.0 B				200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U				5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U				5
Calcium	84,500	80,400	81,100	73,700 J	95,000	76,100	64,900 J	93,800				5,000
Chromium	0.60 B	1.4 B	0.20 U	0.20 U	2.30 B	0.90 B	1.2 B	1.9 B				11
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.50 U	0.80 B	0.5 U	0.5 U				50
Copper	3.1 B	3.4 B	1.7 B	0.70 B	6.50 B	5.80 B	2.8 B	5.8 B				25
Iron	8.5 U	8.1 U	8.1 U	8.1 U	5.3 U	13.6 B	5.3 U	17.4 B				100
Lead	0.80 U	1.2 B	1.5 B	1.2 U	1.6 UJ	1.6 U	1.6 U	2.9 J				4.2
Magnesium	22,100	21,900	25,600 J	18,900 J	25,300 J	22,500	17,400 J	28,000				5,000
Manganese	0.3 U	1.7 B	31.4	4.8 B	2.3 B	3.5 B	4.6 B	5.6 B				15
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U				0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U				96
Potassium	1,740 B	2,760 B	3,540 B	2,840 J	2,380 B	3,040 B	3,120 J	2,380 B				5,000
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U				8.5
Silver	0.30 U	0.40 U	1.5 B	0.40 U	0.90 B	0.50 U	0.5 U	0.5 U				10
Sodium	61,400	37,000	42,800 J	42,800 J	96,700	65,200	43,400 J	49,600			5,000	
Thallium	6.8 B	1.8 U	3.0 BJ	1.8 U	1.5 UJ	3.5 J	1.5 U	1.5 UJ			40	
Vanadium	1.5 B	4.8 B	4.8 B	1.6 B	1.0 U	5.0 B	1.0 U	6.8 B			50	
Zinc	8.1 B	12.1 B	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U			86	
Inorganics - Metals and Cyanide (Total)												
Aluminum	117.0 B	44.8 B	15.3 U	24.3 B	58.5 B	46.2 B	26.9 U	52.0 B				
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U				
Arsenic	2.4 U	2.5 U	3.7 B	5.1 B	3.6 U	3.6 U	5.9 B	3.6 U				
Barium	40.2 B	42.1 B	50.4 J	33.3 J	46.2 B	49.9 B	36.7 B	42.6 B				
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.30 U	2.3 U				
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 U	0.20 U	0.2 U				
Calcium	81,900	72,700	87,200 J	74,400 J	97,000	83,400	65,100 J	98,200				
Chromium	0.6 B	1.3 B	0.20 U	0.20 U	2.10 B	2.80 B	0.40 U	1.9 B				
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.50 U	0.80 B	0.50 U	0.5 U				
Copper	3.2 B	2.4 B	3.0 B	0.60 U	5.80 B	6.10 B	2.90 B	5.4 B				
Cyanide	0.60 U	0.60 U	1.0 B	0.60 U	0.20 U	0.20 U	1.6 U	1.6 U			10	
Iron	144	79.7 B	84.3 J	50.6 B	45.1 B	106.0	45.6 B	37.2 B				
Lead	0.80 U	1.7 B	1.7 B	3.0 UJ	1.6 UJ	1.6 U	1.6 U	2.9 J				
Magnesium	21,100	19,700	27,100 J	19,000 J	25,700	24,500	17,400 J	28,800				
Manganese	1.9 B	4.6 B	82.4 J	29.3	3.9 B	11.1 B	7.5 B	8.4 B				
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U				
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.50 B	0.40 U	0.4 U				
Potassium	1,710 B	2,470 B	3,680 J	2,860 J	2,430 B	3,250 B	3,140 J	2,500 B				
Selenium	3.90 U	3.1 UJ	3.1 U	3.1 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 U				
Silver	0.30 U	0.40 U	0.40 U	0.40 U	0.50 U	0.50 U	0.50 U	0.5 U				
Sodium	59,000 J	33,300	45,000 J	42,200 J	97,400	69,200	43,400 J	51,700				
Thallium	4.4 B	1.8 U	4.1 B	1.9 B	1.5 UJ	2.6 J	1.5 U	1.5 UJ				
Vanadium	1.0 U	4.1 B	11.8 B	1.6 B	1.0 U	4.6 B	1.0 U	5.1 B				
Zinc	9.1 B	9.8 B	0.50 U	0.50 UJ	4.30 U	4.30 U	4.30 UJ	4.30 U				
Volatile Organic Compounds (VOCs)												
Semi-Volatile Organic Compounds (SVOCs)												
Pesticides / PCBs												

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-52**

Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
Compound	Mar-08	Jun-08	Sep-08	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴											
Aluminum	15.4 U	26.7 B	15.3 U	15.3 U	26.9 U	26.9 U	26.9 U	65.5 B	31 J		200
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U	60	60
Arsenic	2.4 U	2.5 U	2.5 UJ	3.4 B	3.6 U	3.6 U	9.2 UJ	3.6 UJ	4.5 B	20	10
Barium	39.2 B	48.5 B	113 B	32.0 B	47.0 B	48.6 B	37.3 B	41.8 B	47 B	1,000	200
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U	5	5
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 B	0.2 U	0.2 U	5.0 U	5	5
Calcium	80,100	80,700	125,000	70,400 J	97,900	78,800	64,900 J	95,200	101,000		5,000
Chromium	0.50 B	1.6 B	0.20 U	0.20 U	2.10 B	0.70 B	1.0 B	2.2 B	10 U	11	10
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.50 U	0.60 B	0.5 U	0.5 U	50 U		50
Copper	4.6 B	3.6 B	1.6 B	0.60 U	5.60 B	5.30 B	2.8 B	6.0 B	8.0 B	25	25
Iron	8.5 U	8.1 U	17.5 B	8.1 U	5.3 U	11.3 B	14.7 B	22.0 B	100 U	7,000	100
Lead	1.50 B	1.7 B	3.6	1.2 U	1.6 UJ	1.6 U	1.6 U	4.3 J	1.6 J	4.2	3
Magnesium	21,100	22,300	29,100 J	18,000 J	26,200	23,200	16,900 J	27,700	27,800		5,000
Manganese	0.30 U	4.6 B	295	4.4 B	2.6 B	11.4 B	1.3 B	5.0 B	9.3 B		15
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.1 U	0.2 U	0.2	0.2
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.90 B	0.4 U	0.4 U	40 U	96	40
Potassium	1,630 B	2,710 B	3,490 B	2,750 J	2,440 B	3,060 B	3,130 J	2,400 B	1,880 J		5,000
Selenium	3.9 U	3.1 UJ	3.1 UJ	3.1 UJ	3.3 UJ	3.3 UJ	3.3 R	3.3 U	5.0 U	8.5	5
Silver	0.30 U	0.40 U	0.40 U	0.40 U	0.50 B	0.50 U	0.5 U	0.5 U	10 U	10	10
Sodium	59,700	37,900	37,700 J	41,200 J	101,000	67,900	43,900 J	50,700	61,500		5,000
Thallium	3.4 B	1.8 U	6.8 J	1.8 U	1.5 UJ	3.3 J	1.5 U	1.5 UJ	10 U	40	10
Vanadium	1.9 B	4.9 B	10.2 B	2.2 B	1.0 U	4.3 B	1.0 U	7.4 B	12 B		50
Zinc	8.8 B	24.7	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	154 B	117 B	153 U	18.6 B	59.1 B	47.5 B	335.0	43.5 B	110 J		
Antimony	2.4 U	1.6 U	1.6 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	60 U		
Arsenic	2.4 U	2.5 U	3.5 B	2.8 B	3.6 U	3.6 U	7.3 B	3.6 U	10 U		
Barium	41.0 B	42.4 B	60.5 J	32.3 J	45.6 B	48.8 B	39.0 B	40.0 B	43 B		
Beryllium	0.10 U	0.10 U	0.10 U	0.10 U	2.30 U	2.30 U	2.3 U	2.3 U	5.0 U		
Cadmium	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.20 U	0.2 U	0.2 U	5.0 U		
Calcium	81,700	77,900	97,500 J	71,400 J	95,400	80,000	63,800 J	94,400	93,800		
Chromium	0.70 B	1.9 B	0.20 B	0.20 U	2.10 B	1.00 B	0.6 B	1.7 B	10 U		
Cobalt	0.20 U	0.30 U	0.30 U	0.30 U	0.50 U	0.90 B	0.5 U	0.5 U	50 U		
Copper	3.9 B	3.3 B	2.8 B	0.60 U	5.80 B	5.70 B	3.2 B	5.2 B	7.8 B		
Cyanide	0.60 U	0.60 U	1.0 B	0.60 U	1.30 B	0.20 U	1.6 U	1.6 U	5.0 U	10	10
Iron	214.0	139	298 J	60.7 B	43.8 B	86.8 B	643	33.2 B	93.0 B		
Lead	0.80 U	1.8 B	2.7 B	3.0 UJ	1.6 UJ	1.6 U	1.6 U	1.6 U	3.0 U		
Magnesium	21,300	20,800	28,200 J	18,100 J	25,700	23,200	16,800 J	26,900	25,900		
Manganese	3.7 B	9.8 B	173.0 J	14.1 B	4.2 B	18.8	33.3	5.9 B	7.9 B		
Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.1 U	0.2 B	0.2 U		
Nickel	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	40 U		
Potassium	1,730 B	2,610 B	3,930 J	2,750 J	2,400 B	3,110 B	3,050 J	2,430 B	1,780 J		
Selenium	3.9 U	3.1 UJ	3.1 U	3.1 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	5.0 U		
Silver	0.30 U	0.40 U	0.40 U	0.40 U	1.00 B	0.50 U	0.5 U	0.5 U	10 U		
Sodium	60,700	36,900	47,500 J	41,100 J	98,800	69,100	42,700 J	49,600	56,600		
Thallium	4.2 B	1.9 B	4.0 B	2.9 B	1.5 UJ	7.3 J	1.5 U	1.5 UJ	10 U		
Vanadium	1.3 B	6.2 B	12.0 B	1.6 B	1.0 U	4.6 B	1.0 U	4.7 B	9.2 B		
Zinc	9.6 B	17.3 B	0.50 U	0.50 UJ	4.30 U	4.30 U	4.3 UJ	4.3 U	20 U		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit, reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-1**

Quarterly Sampling Results (All Results Expressed in Units of mg/l)												
Compound	Dec-07	Mar-08	Jun-08	##	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴				Loc atio	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry		
Aluminum	15.4 U	15.4 U	15.3	—	—	—	34.6 B	—	—	—		200
Antimony	2.4 U	2.4 U	1.6	—	—	—	4.8 U	—	—	—	60	60
Arsenic	2.4 U	2.4 U	2.5	—	—	—	3.6 U	—	—	—	20	10
Barium	31.3 B	18.1 B	41.8	—	—	—	47.4 J	—	—	—	1,000	200
Beryllium	0.10 U	0.10 U	0.10	—	—	—	2.3 U	—	—	—	5	5
Cadmium	0.10 U	0.10 U	0.10	—	—	—	0.2 U	—	—	—	5	5
Calcium	85,000	51,200	59,100	—	—	—	95200	—	—	—		5,000
Chromium	1.2 B	0.30 U	1.0	—	—	—	1.6 B	—	—	—	11	10
Cobalt	0.20 U	0.20 U	0.30	—	—	—	0.5 U	—	—	—		50
Copper	2.0 J	2.1 B	4.7	—	—	—	5.0 B	—	—	—	25	25
Iron	8.5 U	8.5 U	10.6	—	—	—	5.3 U	—	—	—	7,000	100
Lead	0.80 U	0.80 U	1.9	—	—	—	1.6 UJ	—	—	—	4.2	3
Magnesium	13,800	8,700	8,500	—	—	—	15700	—	—	—		5,000
Manganese	0.3 U	0.30 U	1.3	—	—	—	0.5 U	—	—	—		15
Mercury	0.10 U	0.10 U	0.10	—	—	—	0.1 U	—	—	—	0.2	0.2
Nickel	0.40 U	0.40 U	0.60	—	—	—	0.4 U	—	—	—	96	40
Potassium	3,250 B	2,570 B	5,580	—	—	—	4990 B	—	—	—		5,000
Selenium	3.9 UJ	3.9 U	3.1	—	—	—	3.3 U	—	—	—	8.5	5
Silver	0.30 U	0.30 U	0.40	—	—	—	0.5 U	—	—	—	10	10
Sodium	1,260 B	1,670 B	2,400	—	—	—	4270 B	—	—	—		5,000
Thallium	1.8 B	3.0 B	2.1	—	—	—	1.5 UJ	—	—	—	40	10
Vanadium	2.0 B	1.0 U	1.9	—	—	—	1.0 U	—	—	—		50
Zinc	81.2	42.8	227	—	—	—	135	—	—	—	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	15.4 U	209	921	—	—	—	180 B	—	—	—		
Antimony	2.4 U	2.4 U	1.6	—	—	—	4.8 U	—	—	—		
Arsenic	2.4 U	2.4 U	2.5	—	—	—	3.6 U	—	—	—		
Barium	33.1 B	18.8 B	47.9	—	—	—	49.2 J	—	—	—		
Beryllium	0.10 U	0.10 U	0.10	—	—	—	2.3 U	—	—	—		
Cadmium	0.10 U	0.10 U	0.10	—	—	—	0.2 U	—	—	—		
Calcium	91,100	52,000	5,800	—	—	—	94200	—	—	—		
Chromium	1.3 B	0.60 B	2.1	—	—	—	1.4 B	—	—	—		
Cobalt	0.20 U	0.20 U	0.80	—	—	—	0.5 U	—	—	—		
Copper	2.5 J	2.2 B	6.8	—	—	—	5.4 B	—	—	—		
Cyanide	0.60 U	0.60 U	0.60	—	—	—	0.2 U	—	—	—	10	10
Iron	72.8 J	361.0	1,760	—	—	—	322	—	—	—		
Lead	0.80 U	0.80 U	3.1	—	—	—	1.6 U	—	—	—		
Magnesium	14,600	8790.0	8,730	—	—	—	152000	—	—	—		
Manganese	3.8 J	5.4 B	27.3	—	—	—	6.0 B	—	—	—		
Mercury	0.10 U	0.10 U	0.10	—	—	—	0.1 U	—	—	—		
Nickel	0.40 U	0.40 U	2.2	—	—	—	0.4 U	—	—	—		
Potassium	3,490 J	2,580 B	6,000	—	—	—	5130	—	—	—		
Selenium	3.9 UJ	3.9 U	3.1	—	—	—	3.3 U	—	—	—		
Silver	0.30 U	0.30 U	0.40	—	—	—	0.5 U	—	—	—		
Sodium	1,290 J	1690.0 B	2,370	—	—	—	4290 B	—	—	—		
Thallium	4.0 B	4.6 B	1.8	—	—	—	1.5 UJ	—	—	—		
Vanadium	1.5 B	1.0 U	2.6	—	—	—	1.0 U	—	—	—		
Zinc	85.6	47.6	233	—	—	—	142	—	—	—		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	—	—	—	BRL	—	—	—		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	—	—	—	BRL	—	—	—		
Pesticides / PCBs	BRL	BRL	BRL	—	—	—	BRL	—	—	—		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-2**

Compound	Quarterly Sampling Results (All Results Expressed in Units of mg/l)									Mar-10	TRIGGER LEVEL	CRQL
	Dec-07	Mar-08	Jun-08	##	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09			
Inorganics - Metals (Dissolved)¹⁴				Lo cati	Location Dry	Sampling no longer required - see note 16						
Aluminum	15.4 U	15.4 U	15.3	---	---	---	---	---	---			200
Antimony	2.4 U	2.4 U	1.6	---	---	---	---	---	---		60	60
Arsenic	2.4 U	2.4 U	2.5	---	---	---	---	---	---		20	10
Barium	21.1 B	20.8 B	45.3	---	---	---	---	---	---		1,000	200
Beryllium	0.10 U	0.10 U	0.10	---	---	---	---	---	---		5	5
Cadmium	0.10 U	0.10 U	0.10	---	---	---	---	---	---		5	5
Calcium	173,000	109,000	117,000	---	---	---	---	---	---			5,000
Chromium	4.0 B	0.50 B	2.0	---	---	---	---	---	---		11	10
Cobalt	0.20 J	0.20 U	0.30	---	---	---	---	---	---			50
Copper	5.3 B	3.0 B	3.0	---	---	---	---	---	---		25	25
Iron	8.5 U	8.5 U	8.1	---	---	---	---	---	---		7,000	100
Lead	0.8 U	0.8 U	1.2	---	---	---	---	---	---		4.2	3
Magnesium	50,200	31,200	33,600	---	---	---	---	---	---			5,000
Manganese	1.7 B	0.30 U	0.20	---	---	---	---	---	---			15
Mercury	0.10 U	0.10 U	0.10	---	---	---	---	---	---		0.2	0.2
Nickel	0.40 U	0.40 U	0.40	---	---	---	---	---	---		96	40
Potassium	2,640 B	1,870 B	2,730	---	---	---	---	---	---			5,000
Selenium	3.9 UJ	3.9 U	3.1	---	---	---	---	---	---		8.5	5
Silver	0.30 B	0.30 U	0.40	---	---	---	---	---	---		10	10
Sodium	2,330 B	2,350 B	2,470	---	---	---	---	---	---			5,000
Thallium	3.6 B	5.0 B	1.8	---	---	---	---	---	---		40	10
Vanadium	6.4 B	1.0 U	9.8	---	---	---	---	---	---			50
Zinc	2.3 B	9.9 B	10.0	---	---	---	---	---	---		86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	15.4 U	15.4 U	15.3	---	---	---	---	---	---			
Antimony	2.4 U	2.4 U	1.6	---	---	---	---	---	---			
Arsenic	2.4 U	2.4 U	2.5	---	---	---	---	---	---			
Barium	20.1 B	19.5 B	44.9	---	---	---	---	---	---			
Beryllium	0.10 U	0.10 U	0.10	---	---	---	---	---	---			
Cadmium	0.10 U	0.10 U	0.10	---	---	---	---	---	---			
Calcium	166,000	108,000	118,000	---	---	---	---	---	---			
Chromium	3.8 B	0.5 B	1.8	---	---	---	---	---	---			
Cobalt	0.20 U	0.20 U	0.30	---	---	---	---	---	---			
Copper	5.1 J	2.8 B	2.7	---	---	---	---	---	---			
Cyanide	0.60 U	0.60 U	0.70	---	---	---	---	---	---		10	10
Iron	8.50 J	8.50 U	8.1	---	---	---	---	---	---			
Lead	0.80 U	0.80 U	1.2	---	---	---	---	---	---			
Magnesium	48,600	30,100	32,600	---	---	---	---	---	---			
Manganese	1.1 J	0.30 U	0.20	---	---	---	---	---	---			
Mercury	0.10 U	0.10 U	0.10	---	---	---	---	---	---			
Nickel	0.40 B	0.40 U	0.40	---	---	---	---	---	---			
Potassium	2,520 J	1,810 B	2,650	---	---	---	---	---	---			
Selenium	3.90 U	3.90 U	3.1	---	---	---	---	---	---			
Silver	0.30 B	0.30 U	0.40	---	---	---	---	---	---			
Sodium	2,190 J	1,930 B	2,300	---	---	---	---	---	---			
Thallium	2.3 B	4.6 B	1.8	---	---	---	---	---	---			
Vanadium	5.3 B	1.0 U	8.8	---	---	---	---	---	---			
Zinc	1.3 B	12.4 B	9.0	---	---	---	---	---	---			
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	---	---	---	---	---	---			
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	---	---	---	---	---	---			
Pesticides / PCBs	BRL	BRL	BRL	---	---	---	---	---	---			

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) --- = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-3**

Compound	Quarterly Sampling Results (All Results Expressed in Units of mg/l)									TRIGGER LEVEL	CRQL	
	Dec-07	Mar-08	Jun-08	##	Dec-08	Feb-09	Apr-09	Sep-09	Dec-09			Mar-10
Inorganics - Metals (Dissolved)¹⁴				Lo cati	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry		
Aluminum	15.4 U	15.4 U	28.6	---	---	---	27 U	---	---	---		200
Antimony	2.4 U	2.4 U	1.6	---	---	---	4.8 U	---	---	---	60	60
Arsenic	2.4 U	2.4 U	2.5	---	---	---	3.6 U	---	---	---	20	10
Barium	31.1 B	5.6 B	9.5	---	---	---	9.5 J	---	---	---	1,000	200
Beryllium	0.10 U	0.10 U	0.10	---	---	---	2.3 U	---	---	---	5	5
Cadmium	0.10 U	0.10 U	0.10	---	---	---	0.2 U	---	---	---	5	5
Calcium	93,300	23,200	22,200	---	---	---	35800	---	---	---		5,000
Chromium	1.5 B	0.30 U	0.4	---	---	---	0.4 U	---	---	---	11	10
Cobalt	0.20 U	0.20 U	0.30	---	---	---	0.5 U	---	---	---		50
Copper	2.9 J	1.2 B	1.3	---	---	---	2.5 B	---	---	---	25	25
Iron	8.5 U	8.5 U	60.2	---	---	---	15.9 B	---	---	---	7,000	100
Lead	0.80 U	0.80 U	1.2	---	---	---	1.6 UJ	---	---	---	4.2	3
Magnesium	10,900	2,370 B	2,120	---	---	---	3970 B	---	---	---		5,000
Manganese	0.30 U	0.30 U	4.0	---	---	---	0.5 U	---	---	---		15
Mercury	0.10 U	0.10 U	0.10	---	---	---	0.1 U	---	---	---	0.2	0.2
Nickel	0.40 U	0.40 U	0.90	---	---	---	0.6 B	---	---	---	96	40
Potassium	2,080 B	2,060 B	7,440	---	---	---	3080 B	---	---	---		5,000
Selenium	3.9 UJ	3.9 U	3.1	---	---	---	3.3 U	---	---	---	8.5	5
Silver	0.30 U	0.30 U	0.40	---	---	---	0.5 U	---	---	---	10	10
Sodium	298 B	572 B	440	---	---	---	949 B	---	---	---		5,000
Thallium	1.7 U	4.0 B	3.4	---	---	---	1.5 UJ	---	---	---	40	10
Vanadium	2.3 B	1.0 U	0.80	---	---	---	1.0 U	---	---	---		50
Zinc	4.4 B	5.5 B	14.7	---	---	---	4.3 U	---	---	---	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	15.4 U	133 B	351	---	---	---	162 B	---	---	---		
Antimony	2.4 U	2.4 U	1.6	---	---	---	4.8 U	---	---	---		
Arsenic	2.4 U	2.4 U	2.5	---	---	---	3.6 U	---	---	---		
Barium	26.9 B	6.3 B	11.6	---	---	---	10.8 J	---	---	---		
Beryllium	0.10 U	0.10 U	0.10	---	---	---	2.3 U	---	---	---		
Cadmium	0.10 U	0.10 U	0.10	---	---	---	0.2 U	---	---	---		
Calcium	86,900	23,200	21,900	---	---	---	37500	---	---	---		
Chromium	0.90 B	0.40 B	0.70	---	---	---	0.4 B	---	---	---		
Cobalt	0.20 U	0.40 B	0.30	---	---	---	0.5 U	---	---	---		
Copper	2.0 J	1.1 B	2.3	---	---	---	6.6 B	---	---	---		
Cyanide	0.60 U	0.60 U	0.60	---	---	---	0.2 U	---	---	---	10	10
Iron	15.5 J	227	661	---	---	---	304	---	---	---		
Lead	0.80 U	0.90 B	2.2	---	---	---	1.6 UJ	---	---	---		
Magnesium	10,100	2,310 B	2,190	---	---	---	4210 B	---	---	---		
Manganese	0.3 U	1.8 B	29.7	---	---	---	6.7 B	---	---	---		
Mercury	0.10 U	0.10 U	0.10	---	---	---	0.1 U	---	---	---		
Nickel	0.40 U	0.40 U	1.4	---	---	---	0.4 U	---	---	---		
Potassium	1,970 J	2,080 B	7,630	---	---	---	3310 B	---	---	---		
Selenium	3.9 U	3.9 U	3.1	---	---	---	3.3 U	---	---	---		
Silver	0.30 U	0.30 U	0.40	---	---	---	0.5 U	---	---	---		
Sodium	65.0 J	557 B	352	---	---	---	739 B	---	---	---		
Thallium	1.7 U	1.7 U	2.6	---	---	---	1.5 UJ	---	---	---		
Vanadium	1.0 U	1.0 U	0.80	---	---	---	1.0 U	---	---	---		
Zinc	1.5 B	6.8 B	16.9	---	---	---	4.3 U	---	---	---		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	---	---	---	BRL	---	---	---		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	---	---	---		---	---	---		
Pesticides / PCBs	BRL	BRL	BRL	---	---	---	BRL	---	---	---		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) --- = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-24**

Quarterly Sampling Results (All Results Expressed in Units of µg/l)										
Compound	Mar-08	Jun-08	Sep-08 ##	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴	Annual	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled	Sampling no longer required - see note 16		
Aluminum	15.6 B			35.3 B						200
Antimony	2.4 U			4.8 U					60	60
Arsenic	3.7 B			5.0 J					20	10
Barium	86.7 B			101 B					1,000	200
Beryllium	0.10 U			2.3 U					5	5
Cadmium	0.10 U			0.2 U					5	5
Calcium	119,000			122,000						5,000
Chromium	0.30 U			2.1 B					11	10
Cobalt	0.20 U			0.5 U						50
Copper	1.6 B			4.9 B					25	25
Iron	514.0			984					7,000	100
Lead	1.80 B			1.6 UJ					4.2	3
Magnesium	25,900			30,000						5,000
Manganese	96.1			232						15
Mercury	0.10 U			0.1 U					0.2	0.2
Nickel	0.40 U			0.4 U					96	40
Potassium	2,520 B			3,640 B						5,000
Selenium	3.9 U			3.3 U					8.5	5
Silver	0.30 U			0.5 U					10	10
Sodium	15,700 B			101,000						5,000
Thallium	6.7 B			1.5 R					40	10
Vanadium	1.0 U			1.0 U						50
Zinc	12.5 B			4.3 U					86	20
Inorganics - Metals and Cyanide (Total)										
Aluminum	4,870 J			363 J						
Antimony	2.4 U			4.8 U						
Arsenic	2.4 UJ			4.3 J						
Barium	109 B			105 J						
Beryllium	0.20 B			2.3 U						
Cadmium	0.10 U			0.2 U						
Calcium	171,000			135,000						
Chromium	8.2 B			3.2 B						
Cobalt	5.0 B			0.5 U						
Copper	9.9 B			5.6 B						
Cyanide	1.30 B			0.7 B					10	10
Iron	11,600			1,900						
Lead	4.3 J			1.6 UJ						
Magnesium	35,000			33,000						
Manganese	420			261						
Mercury	0.10 U			0.1 U						
Nickel	9.4 B			0.4 U						
Potassium	4,020 J			3,780 J						
Selenium	3.9 U			3.3 R						
Silver	0.30 U			0.6 B						
Sodium	15,100			93,800						
Thallium	1.9 B			1.5 UJ						
Vanadium	6.9 B			1.0 U						
Zinc	44.9 J			4.3 U						
Volatile Organic Compounds (VOCs)	BRL			BRL						
Semi-Volatile Organic Compounds (SVOCs)	BRL			BRL						
Pesticides / PCBs	BRL			BRL						

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-26

Quarterly Sampling Results (All Results Expressed in Units of µg/l)										
Compound	Mar-08	Jun-08	Sep-08 ##	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)¹⁴	Annual	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled	Annual		
Aluminum	19.0 B			26.9 U				470		200
Antimony	2.4 U			4.8 U				60 U	60	60
Arsenic	2.4 U			3.6 U				10 U	20	10
Barium	290.0			780				300	1,000	200
Beryllium	0.10 U			2.3 U				5.0 UJ	5	5
Cadmium	0.10 U			0.2 U				5.0 U	5	5
Calcium	79,200			67,900				72,000		5,000
Chromium	0.30 U			2.6 B				10 U	11	10
Cobalt	0.40 B			0.5 U				0.92 B		50
Copper	1.8 B			5.5 B				8.6 B	25	25
Iron	42.8 B			68.4 B				100 U	7,000	100
Lead	1.10 B			1.6 UJ				3.0 J	4.2	3
Magnesium	40,900			36,100				38,100		5,000
Manganese	64.1			77.7				52		15
Mercury	0.10 U			0.1 U				0.20 U	0.2	0.2
Nickel	0.40 U			0.4 U				40 U	96	40
Potassium	16,300			20,100				16,300		5,000
Selenium	3.9 U			3.3 UJ				5.0 U	8.5	5
Silver	0.30 U			0.5 U				10 U	10	10
Sodium	142,000			195,000				144,000		5,000
Thallium	5.0 B			1.5 R				10 U	40	10
Vanadium	1.0 U			1 U				13 J		50
Zinc	7.1 B			4.3 U				20 U	86	20
Inorganics - Metals and Cyanide (Total)										
Aluminum	192 J			92.4 J				390		
Antimony	2.4 U			4.8 U				60 U		
Arsenic	2.4 UJ			3.6 U				10 U		
Barium	287			859 J				300		
Beryllium	0.10 U			2.3 U				5.0 UJ		
Cadmium	0.10 U			0.2 U				5.0 U		
Calcium	82,700			73,600				77,800		
Chromium	1.1 B			2.8 B				10 U		
Cobalt	1.0 B			0.5 U				50 U		
Copper	5.6 B			6.0 B				17 B		
Cyanide	0.60 U			0.2 U				7.4	10	10
Iron	716			465				270.0		
Lead	0.80 UJ			1.6 U				4.1 J		
Magnesium	42,300			39,200				40,600		
Manganese	80.2			88.5				55.0		
Mercury	0.10 U			0.1 U				0.20 U		
Nickel	0.70 B			0.4 U				1.7 B		
Potassium	17,100 J			21,900 J				17,400		
Selenium	3.9 U			3.3 R				5.0 U		
Silver	0.30 U			0.5 U				10 U		
Sodium	139,000			213,000				154,000		
Thallium	3.9 B			1.5 UJ				10 U		
Vanadium	1.0 U			1.0 U				12 J		
Zinc	15.4 J			4.3 U				20 U		
Volatile Organic Compounds (VOCs)	BRL			BRL				BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL			BRL				BRL		
Pesticides / PCBs	BRL			BRL				BRL		

Notes:

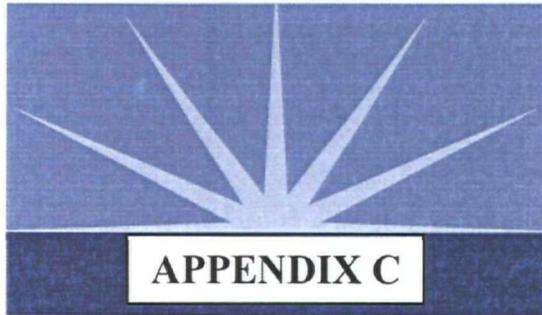
- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
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- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
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- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
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- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling frequency reduced to semi-annual as per petition report dated 5/15/08 and EPA approval letter dated 11/24/09.

**Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-30**

Quarterly Sampling Results (All Results Expressed in Units of mg/l)												
Compound	Dec-07	Mar-08	Jun-08 ##	Dec-08	Feb-09	Jun-09	Sep-09	Dec-09	Mar-10	TRIGGER LEVEL	CRQL	
Inorganics - Metals (Dissolved)¹⁴	Not Sampled	Annual	Not Sampled	Not Sampled	Annual	Not Sampled	Not Sampled	Not Sampled	Sampling no longer required - see note 16			
Aluminum		15.4 U			26.9 U						200	
Antimony		2.4 U			4.8 U					60	60	
Arsenic		2.6 B			3.6 U					20	10	
Barium		188.0 B			439					1,000	200	
Beryllium		0.10 U			2.3 U					5	5	
Cadmium		0.10 U			0.2 U					5	5	
Calcium		58,000			68,900						5,000	
Chromium		0.30 B			2.5 B					11	10	
Cobalt		0.20 U			0.5 U						50	
Copper		2.2 B			4.9 B					25	25	
Iron		127.0			342					7,000	100	
Lead		0.80 U			1.6 UJ					4.2	3	
Magnesium		28,300			31,400						5,000	
Manganese		17.3			30.8						15	
Mercury		0.10 U			0.1 U					0.2	0.2	
Nickel		0.70 B			0.4 U					96	40	
Potassium		12,200			12,800						5,000	
Selenium		3.9 U			3.3 UJ					8.5	5	
Silver		0.30 U			0.5 B					10	10	
Sodium		138,000			144,000						5,000	
Thallium		4.5 B			1.5 R					40	10	
Vanadium		1.0 U			1.0 U						50	
Zinc		7.7 B			4.3 U					86	20	
Inorganics - Metals and Cyanide (Total)												
Aluminum		15.4 UJ			57.7 J							
Antimony		2.4 U			4.8 U							
Arsenic		2.4 UJ			5.1 J							
Barium		201.0			495.0 J							
Beryllium		0.10 U			2.30 U							
Cadmium		0.10 U			0.20 U							
Calcium		61,100			74,000							
Chromium		0.50 B			2.00 B							
Cobalt		0.20 U			0.50 U							
Copper		4.3 B			5.4 B							
Cyanide		0.60 U			0.20 U					10	10	
Iron		303			622							
Lead		0.80 UJ			1.60 UJ							
Magnesium		29,600			34,200							
Manganese		22.4			36.8							
Mercury		0.10 U			0.10 U							
Nickel		0.40 U			0.40 U							
Potassium		13,400 J			13,700 J							
Selenium		3.9 U			3.3 R							
Silver		0.30 U			0.70 B							
Sodium		145,000			153,000							
Thallium		3.9 B			1.5 UJ							
Vanadium		1.2 B			1.0 U							
Zinc		10.3 J			4.3 U							
Volatile Organic Compounds (VOCs)		BRL			BRL							
Semi-Volatile Organic Compounds (SVOCs)		BRL			BRL							
Pesticides / PCBs		BRL			BRL							

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
- 4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
- 6) — = No Sample Available (Well Dry or Insufficient Volume)
- 7) U = Indicates compound was analyzed for but not detected.
- 8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
- 9) B = (Organics) Indicates the analyte was detected in the Method Blank.
- 10) UJ = A value less than the CRQL but greater than the MDL.
- 11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
- 12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 13) CRQL = Contract Required Quantitation Limit
- 14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
- 16) Sampling of this well is no longer required based on petition report dated 05/15/08 and EPA approval letter dated 11/24/09.



**LABORATORY DATA
VALIDATION REPORT**

AECOM

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 04/07/2010

GCAL Report 210031801



Deliver To AECOM/Earth Tech
One Midtown Plaza
1360 Peachtree St Suite 500
Atlanta, GA 30309
770-990-1400

Attn Mark Kromis

Project Skinner Landfill 1st Q 2010

CASE NARRATIVE

Client: AECOM/Earth Tech **Report:** 210031801

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 428296, both MS/MSD pairs exhibited recovery failures. The LCSD recovery is outside the control limits for trans-1,3-Dichloropropene. All LCS recoveries are acceptable.

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis for prep batch 428043, the MS/MSD exhibited RPD failures. All LCS/LCSD recoveries and RPDs are acceptable.

METALS

The dissolved concentrations for some metals are greater than the total concentrations for these metals for some samples included in this report. This is attributed to separate aliquots of samples.

In the SW-846 6010B (total metals) analysis for prep batch 428047, the MS recovery is not applicable for Calcium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPDs for Arsenic, Chromium, Copper, Lead, Potassium and Vanadium are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 6010B (total metals) analysis for prep batch 426639, the MS recovery is not applicable for Calcium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPDs for Copper, Lead, and Thallium are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. Selenium was detected at a concentration slightly above the reporting limit in the method blank (814380). Selenium was not detected in the associated samples (except MS).

In the SW-846 6010B (dissolved metals) analysis for prep batch 428048, the MS recovery is not applicable for Calcium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPDs for Arsenic, Chromium, Copper, Lead, Potassium and Vanadium are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 6010B (dissolved metals) analysis for prep batch 428638, the MS recovery is not applicable for Calcium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPDs for Aluminum, Arsenic, Beryllium, Cobalt, Iron, Nickel, Silver, and Thallium are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 7470A Dissolved analysis for prep batch 428076, the Sample/Duplicate RPD for Mercury is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

CONVENTIONALS

The Sample/Duplicate RPD for Total Cyanide for prep batch 428429 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

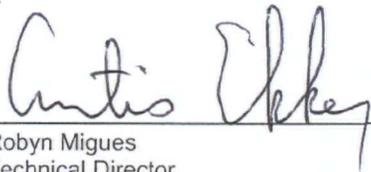
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



Robyn Miguez
Technical Director
GCAL REPORT 210031801

THIS REPORT CONTAINS 536 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180101	SK-SW52-1033	Water	03/16/2010 11:00	03/17/2010 10:00
21003180102	SK-FD-1033 (SW52)	Water	03/16/2010 00:00	03/17/2010 10:00
21003180103	SK-SW50-1033	Water	03/16/2010 11:40	03/17/2010 10:00
21003180104	SK-MS-1033 (SW50)	Water	03/16/2010 11:40	03/17/2010 10:00
21003180105	SK-MSD-1033 (SW50)	Water	03/16/2010 11:40	03/17/2010 10:00
21003180106	SK-DUP-1033 (SW50)	Water	03/16/2010 11:40	03/17/2010 10:00
21003180107	SK-TB-1033	Water	03/16/2010 00:00	03/17/2010 10:00
21003180108	SK-GW07R-1033	Water	03/17/2010 11:20	03/18/2010 10:10
21003180109	SK-GW26-1033	Water	03/17/2010 11:55	03/18/2010 10:10
21003180110	SK-GW63-1033	Water	03/17/2010 09:40	03/18/2010 10:10
21003180111	SK-GW65-1033	Water	03/17/2010 10:00	03/18/2010 10:10
21003180112	SK-FD-1033 (GW07R)	Water	03/17/2010 00:00	03/18/2010 10:10
21003180113	SK-TB-1033	Water	03/17/2010 00:00	03/18/2010 10:10
21003180114	SK-GW58-1033	Water	03/18/2010 11:30	03/19/2010 09:55
21003180115	SK-GW-59-1033	Water	03/18/2010 09:30	03/19/2010 09:55
21003180116	SK-GW61-1033	Water	03/18/2010 10:00	03/19/2010 09:55
21003180117	SK-MS-1033 (GW58)	Water	03/18/2010 11:30	03/19/2010 09:55
21003180118	SK-MSD-1033 (GW58)	Water	03/18/2010 11:30	03/19/2010 09:55
21003180119	SK-DUP-1033 (GW58)	Water	03/18/2010 11:30	03/19/2010 09:55
21003180120	SK-TB-1033	Water	03/18/2010 00:00	03/19/2010 09:55

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180101
 Level: (low/med) LOW Lab File ID: 2100322P/f3580
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1100
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0218
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180101
 Level: (low/med) LOW Lab File ID: 2100322P/f3580
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1100
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0218
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 8

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-SW52-1033

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
Matrix: Water Lab Sample ID: 21003180101
Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3580T
Level: (low/med) Low Date Collected: 03/16/10 Time: 1100
% Moisture: not dec. Date Received: 03/17/10
GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0218
Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
Soil Extract Volume: _____ (µL)
Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1033 (SW52)

Lab Name: GCAL

Contract: _____

Lab Code: LA024

Case No.: _____

SAS No.: _____

SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21003180102

Level: (low/med) LOW

Lab File ID: 2100322P/f3581

% Moisture: not dec.

Date Collected: 03/16/10

Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/17/10

Instrument ID: MSV6

Date Analyzed: 03/23/10

Time: 0241

Soil Extract Volume: _____ (µL)

Dilution Factor: 1

Analyst: RJU

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____

Analytical Batch: 428281

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SK-FD-1033 (SW52)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180102
 Level: (low/med) LOW Lab File ID: 2100322P/3581
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 0000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0241
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 8
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

5/12/10
RJA
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1033 (SW52)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180102
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3581T
 Level: (low/med) Low Date Collected: 03/16/10 Time: 0000
 % Moisture: not dec. Date Received: 03/17/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0241
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

sk/rju

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180103
 Level: (low/med) LOW Lab File ID: 2100323/f3601
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1047
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

5/12/10
msf

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180103

Level: (low/med) LOW Lab File ID: 2100323/f3601

% Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1047

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 B

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-SW50-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180103
 Sample wt/vol: 5 Units: ml Lab File ID: 2100323/f3601T
 Level: (low/med) Low Date Collected: 03/16/10 Time: 1140
 % Moisture: not dec. Date Received: 03/17/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 1047
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: SLR
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1033 (SW50)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180104
 Level: (low/med) LOW Lab File ID: 2100323/13603ms
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1135
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	56.9		0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	54.0		0.073	1.00
79-00-5	1,1,2-Trichloroethane	54.7		0.095	1.00
75-34-3	1,1-Dichloroethane	53.6		0.031	1.00
75-35-4	1,1-Dichloroethene	62.5		0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	43.1		0.119	1.00
106-93-4	1,2-Dibromoethane	56.4		0.047	1.00
95-50-1	1,2-Dichlorobenzene	50.2		0.079	1.00
107-06-2	1,2-Dichloroethane	61.7		0.086	1.00
540-59-0	1,2-Dichloroethene	123		0.122	1.00
78-87-5	1,2-Dichloropropane	54.5		0.064	1.00
541-73-1	1,3-Dichlorobenzene	51.1		0.099	1.00
106-46-7	1,4-Dichlorobenzene	52.4		0.118	1.00
78-93-3	2-Butanone	31.5		0.093	5.00
591-78-6	2-Hexanone	30.1		0.503	5.00
108-10-1	4-Methyl-2-pentanone	49.4		0.065	5.00
67-64-1	Acetone	31.4		1.15	5.00
71-43-2	Benzene	57.2		0.054	1.00
75-27-4	Bromodichloromethane	54.9		0.053	1.00
75-25-2	Bromoform	52.1		0.104	1.00
74-83-9	Bromomethane	62.9		0.264	1.00
75-15-0	Carbon disulfide	60.8		0.143	1.00
56-23-5	Carbon tetrachloride	59.8		0.148	1.00
108-90-7	Chlorobenzene	54.8		0.027	1.00
75-00-3	Chloroethane	62.7		0.351	1.00
67-66-3	Chloroform	56.4		0.057	1.00
74-87-3	Chloromethane	73.9		0.089	1.00
124-48-1	Dibromochloromethane	52.7		0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	49.1		0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	38.4		0.054	1.00
100-41-4	Ethylbenzene	56.2		0.063	1.00

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1033 (SW50)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180104

Level: (low/med) LOW Lab File ID: 2100323/f3603ms

% Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1135

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	60.8		0.327	2.00
100-42-5	Styrene	51.5		0.051	1.00
127-18-4	Tetrachloroethene	52.3		0.121	1.00
108-88-3	Toluene	53.7		0.059	1.00
79-01-6	Trichloroethene	51.5		0.062	1.00
75-01-4	Vinyl chloride	63.6		0.093	1.00
1330-20-7	Xylene (total)	167		0.050	1.00

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1033 (SW50)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180105

Level: (low/med) LOW Lab File ID: 2100323/f3604msd

% Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1205

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260 **B**

CAS NO. COMPOUND RESULT Q MDL RL

71-55-6	1,1,1-Trichloroethane	56.5		0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	56.2		0.073	1.00
79-00-5	1,1,2-Trichloroethane	54.2		0.095	1.00
75-34-3	1,1-Dichloroethane	57.1		0.031	1.00
75-35-4	1,1-Dichloroethene	61.4		0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	49.2		0.119	1.00
106-93-4	1,2-Dibromoethane	55.2		0.047	1.00
95-50-1	1,2-Dichlorobenzene	52.5		0.079	1.00
107-06-2	1,2-Dichloroethane	62.8		0.086	1.00
540-59-0	1,2-Dichloroethene	119		0.122	1.00
78-87-5	1,2-Dichloropropane	54.0		0.064	1.00
541-73-1	1,3-Dichlorobenzene	50.2		0.099	1.00
106-46-7	1,4-Dichlorobenzene	51.3		0.118	1.00
78-93-3	2-Butanone	32.9		0.093	5.00
591-78-6	2-Hexanone	33.3		0.503	5.00
108-10-1	4-Methyl-2-pentanone	55.9		0.065	5.00
67-64-1	Acetone	33.6		1.15	5.00
71-43-2	Benzene	57.5		0.054	1.00
75-27-4	Bromodichloromethane	56.2		0.053	1.00
75-25-2	Bromoform	53.9		0.104	1.00
74-83-9	Bromomethane	67.7		0.264	1.00
75-15-0	Carbon disulfide	62.7		0.143	1.00
56-23-5	Carbon tetrachloride	58.6		0.148	1.00
108-90-7	Chlorobenzene	52.5		0.027	1.00
75-00-3	Chloroethane	60.8		0.351	1.00
67-66-3	Chloroform	55.3		0.057	1.00
74-87-3	Chloromethane	70.5		0.089	1.00
124-48-1	Dibromochloromethane	55.6		0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	53.5		0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	41.3		0.054	1.00
100-41-4	Ethylbenzene	54.6		0.063	1.00

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1033 (SW50)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180105

Level: (low/med) LOW Lab File ID: 2100323/f3604msd

% Moisture: not dec. _____ Date Collected: 03/16/10 Time: 1140

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1205

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	61.2		0.327	2.00
100-42-5	Styrene	52.6		0.051	1.00
127-18-4	Tetrachloroethene	51.0		0.121	1.00
108-88-3	Toluene	52.7		0.059	1.00
79-01-6	Trichloroethene	55.1		0.062	1.00
75-01-4	Vinyl chloride	61.6		0.093	1.00
1330-20-7	Xylene (total)	158		0.050	1.00

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180107
 Level: (low/med) LOW Lab File ID: 2100322P/f3582
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 0000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0303
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 **B**

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

FORM I VOA

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180107
 Level: (low/med) LOW Lab File ID: 2100322P/f3582
 % Moisture: not dec. _____ Date Collected: 03/16/10 Time: 0000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/17/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0303
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 **B**

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180107
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3582T
 Level: (low/med) Low Date Collected: 03/16/10 Time: 0000
 % Moisture: not dec. Date Received: 03/17/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0303
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180108
 Level: (low/med) LOW Lab File ID: 2100322P/13583
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1120
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0326
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180108

Level: (low/med) LOW Lab File ID: 2100322P/f3583

% Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1120

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0326

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 3

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW07R-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180108
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3583T
 Level: (low/med) Low Date Collected: 03/17/10 Time: 1120
 % Moisture: not dec. Date Received: 03/18/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0326
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

*5/12/10
msa*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW26-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180109
 Level: (low/med) LOW Lab File ID: 2100322P/f3584
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1155
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0349
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

FORM I VOA

5/12/10
msa

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW26-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180109
 Level: (low/med) LOW Lab File ID: 2100322P/f3584
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1155
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0349
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 **B**

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW26-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180109
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3584T
 Level: (low/med) Low Date Collected: 03/17/10 Time: 1155
 % Moisture: not dec. Date Received: 03/18/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0349
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

5/12/10
RJU

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180110
 Level: (low/med) LOW Lab File ID: 2100322P/f3585
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 0940
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0412
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 **B**
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

FORM I VOA

*5/12/10
RJA*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180110
 Level: (low/med) LOW Lab File ID: 2100322P/f3585
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 0940
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0412
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 **B**

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW63-1033

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
Matrix: Water Lab Sample ID: 21003180110
Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3585T
Level: (low/med) Low Date Collected: 03/17/10 Time: 0940
% Moisture: not dec. Date Received: 03/18/10
GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0412
Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
Soil Extract Volume: _____ (µL)
Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No pics detected			

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180111
 Level: (low/med) LOW Lab File ID: 2100322P/f3586
 % Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0435
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

sl/2/10

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180111

Level: (low/med) LOW Lab File ID: 2100322P/f3586

% Moisture: not dec. _____ Date Collected: 03/17/10 Time: 1000

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0435

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

*5/12/10
mva*

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW65-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180111
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3586T
 Level: (low/med) Low Date Collected: 03/17/10 Time: 1000
 % Moisture: not dec. Date Received: 03/18/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0435
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1033 (GW07R)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180112

Level: (low/med) LOW Lab File ID: 2100322P/f3587

% Moisture: not dec. _____ Date Collected: 03/17/10 Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0457

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 3

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1033 (GW07R)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180112

Level: (low/med) LOW Lab File ID: 2100322P/13587

% Moisture: not dec. _____ Date Collected: 03/17/10 Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0457

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1033 (GW07R)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180112
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3587T
 Level: (low/med) Low Date Collected: 03/17/10 Time: 0000
 % Moisture: not dec. Date Received: 03/18/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0457
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21003180113

Level: (low/med) LOW

Lab File ID: 2100322P/f3588

% Moisture: not dec. _____

Date Collected: 03/17/10 Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/18/10

Instrument ID: MSV6

Date Analyzed: 03/23/10 Time: 0520

Soil Extract Volume: _____ (µL)

Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

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SK-TB-1033

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180113
 Level: (low/med) LOW Lab File ID: 2100322P/f3588
 % Moisture: not dec. Date Collected: 03/17/10 Time: 0000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/18/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0520
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 3

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180113
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3588T
 Level: (low/med) Low Date Collected: 03/17/10 Time: 0000
 % Moisture: not dec. Date Received: 03/18/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0520
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21003180114

Level: (low/med) LOW

Lab File ID: 2100323/f3602

% Moisture: not dec. _____

Date Collected: 03/18/10 Time: 1130

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/19/10

Instrument ID: MSV6

Date Analyzed: 03/23/10 Time: 1110

Soil Extract Volume: _____ (µL)

Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____ Analytical Batch: 428296

Analytical Method: SW-846 8260 **B**

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180114

Level: (low/med) LOW Lab File ID: 2100323/f3602

% Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1130

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1110

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW58-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180114
 Sample wt/vol: 5 Units: ML Lab File ID: 2100323/f3602T
 Level: (low/med) low Date Collected: 03/18/10 Time: 1130
 % Moisture: not dec. Date Received: 03/19/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 1110
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: SLR
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW-59-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180115
 Level: (low/med) LOW Lab File ID: 2100322P/f3589
 % Moisture: not dec. Date Collected: 03/18/10 Time: 0930
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0542
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW-59-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180115

Level: (low/med) LOW Lab File ID: 2100322P/f3589

% Moisture: not dec. _____ Date Collected: 03/18/10 Time: 0930

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10

Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0542

Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW-59-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180115
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3589T
 Level: (low/med) Low Date Collected: 03/18/10 Time: 0930
 % Moisture: not dec. Date Received: 03/19/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0542
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180116
 Level: (low/med) LOW Lab File ID: 2100322P/f3590
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0604
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B
 CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180116
 Level: (low/med) LOW Lab File ID: 2100322P/f3590
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0604
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

*5/2/10
MSV*

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW61-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: Water Lab Sample ID: 21003180116
 Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3590T
 Level: (low/med) Low Date Collected: 03/18/10 Time: 1000
 % Moisture: not dec. _____ Date Received: 03/19/10
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0604
 Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
 Soil Extract Volume: _____ (µL)
 Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

*sl/2/10
RJA*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1033 (GW58)

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21003180117

Level: (low/med) LOW

Lab File ID: 2100323/f3605ms

% Moisture: not dec. _____

Date Collected: 03/18/10 Time: 1130

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/19/10

Instrument ID: MSV6

Date Analyzed: 03/23/10 Time: 1227

Soil Extract Volume: _____ (µL)

Dilution Factor: 1 Analyst: SLR

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____ Analytical Batch: 428296

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	59.2		0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	55.2		0.073	1.00
79-00-5	1,1,2-Trichloroethane	51.4		0.095	1.00
75-34-3	1,1-Dichloroethane	53.7		0.031	1.00
75-35-4	1,1-Dichloroethene	62.3		0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	49.4		0.119	1.00
106-93-4	1,2-Dibromoethane	55.1		0.047	1.00
95-50-1	1,2-Dichlorobenzene	52.3		0.079	1.00
107-06-2	1,2-Dichloroethane	59.1		0.086	1.00
540-59-0	1,2-Dichloroethene	120		0.122	1.00
78-87-5	1,2-Dichloropropane	54.5		0.064	1.00
541-73-1	1,3-Dichlorobenzene	52.1		0.099	1.00
106-46-7	1,4-Dichlorobenzene	51.6		0.118	1.00
78-93-3	2-Butanone	32.4		0.093	5.00
591-78-6	2-Hexanone	32.0		0.503	5.00
108-10-1	4-Methyl-2-pentanone	53.6		0.065	5.00
67-64-1	Acetone	36.1		1.15	5.00
71-43-2	Benzene	58.3		0.054	1.00
75-27-4	Bromodichloromethane	57.7		0.053	1.00
75-25-2	Bromoform	53.1		0.104	1.00
74-83-9	Bromomethane	67.6		0.264	1.00
75-15-0	Carbon disulfide	63.2		0.143	1.00
56-23-5	Carbon tetrachloride	65.5		0.148	1.00
108-90-7	Chlorobenzene	53.4		0.027	1.00
75-00-3	Chloroethane	64.3		0.351	1.00
67-66-3	Chloroform	57.7		0.057	1.00
74-87-3	Chloromethane	70.5		0.089	1.00
124-48-1	Dibromochloromethane	53.7		0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	54.0		0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	40.2		0.054	1.00
100-41-4	Ethylbenzene	51.5		0.063	1.00

FORM I VOA

skulco
m/w 49

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MS-1033 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180117
 Level: (low/med) LOW Lab File ID: 2100323/f3605ms
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1130
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1227
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	62.0		0.327	2.00
100-42-5	Styrene	50.2		0.051	1.00
127-18-4	Tetrachloroethene	51.8		0.121	1.00
108-88-3	Toluene	53.9		0.059	1.00
79-01-6	Trichloroethene	52.3		0.062	1.00
75-01-4	Vinyl chloride	61.6		0.093	1.00
1330-20-7	Xylene (total)	156		0.050	1.00

*slr/lo
msr*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1033 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180118
 Level: (low/med) LOW Lab File ID: 2100323/f3606msd
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1130
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1250
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND RESULT Q MDL RL

71-55-6	1,1,1-Trichloroethane	57.9		0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	56.1		0.073	1.00
79-00-5	1,1,2-Trichloroethane	51.7		0.095	1.00
75-34-3	1,1-Dichloroethane	52.3		0.031	1.00
75-35-4	1,1-Dichloroethene	57.1		0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	47.6		0.119	1.00
106-93-4	1,2-Dibromoethane	54.1		0.047	1.00
95-50-1	1,2-Dichlorobenzene	49.4		0.079	1.00
107-06-2	1,2-Dichloroethane	58.8		0.086	1.00
540-59-0	1,2-Dichloroethene	114		0.122	1.00
78-87-5	1,2-Dichloropropane	54.9		0.064	1.00
541-73-1	1,3-Dichlorobenzene	51.4		0.099	1.00
106-46-7	1,4-Dichlorobenzene	51.3		0.118	1.00
78-93-3	2-Butanone	32.6		0.093	5.00
591-78-6	2-Hexanone	32.9		0.503	5.00
108-10-1	4-Methyl-2-pentanone	53.6		0.065	5.00
67-64-1	Acetone	32.4		1.15	5.00
71-43-2	Benzene	55.3		0.054	1.00
75-27-4	Bromodichloromethane	55.3		0.053	1.00
75-25-2	Bromoform	51.1		0.104	1.00
74-83-9	Bromomethane	58.4		0.264	1.00
75-15-0	Carbon disulfide	57.7		0.143	1.00
56-23-5	Carbon tetrachloride	57.4		0.148	1.00
108-90-7	Chlorobenzene	53.4		0.027	1.00
75-00-3	Chloroethane	61.0		0.351	1.00
67-66-3	Chloroform	55.0		0.057	1.00
74-87-3	Chloromethane	70.6		0.089	1.00
124-48-1	Dibromochloromethane	53.2		0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	50.2		0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	38.9		0.054	1.00
100-41-4	Ethylbenzene	49.9		0.063	1.00

FORM I VOA

5/12/10
ASL

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-MSD-1033 (GW58)

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180118
 Level: (low/med) LOW Lab File ID: 2100323/f3606msd
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 1130
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 1250
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: SLR
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428296
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	56.7		0.327	2.00
100-42-5	Styrene	45.3		0.051	1.00
127-18-4	Tetrachloroethene	52.6		0.121	1.00
108-88-3	Toluene	50.5		0.059	1.00
79-01-6	Trichloroethene	53.5		0.062	1.00
75-01-4	Vinyl chloride	60.7		0.093	1.00
1330-20-7	Xylene (total)	160		0.050	1.00

5/12/10
MSL

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 Matrix: (soil/water) Water
 Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21003180120
 Level: (low/med) LOW Lab File ID: 2100322P/f3591
 % Moisture: not dec. _____ Date Collected: 03/18/10 Time: 0000
 GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 03/19/10
 Instrument ID: MSV6 Date Analyzed: 03/23/10 Time: 0627
 Soil Extract Volume: _____ (µL) Dilution Factor: 1 Analyst: RJU
 Soil Aliquot Volume: _____ (µL) Prep Batch: _____ Analytical Batch: 428281
 Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.00	U	0.106	1.00
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.073	1.00
79-00-5	1,1,2-Trichloroethane	1.00	U	0.095	1.00
75-34-3	1,1-Dichloroethane	1.00	U	0.031	1.00
75-35-4	1,1-Dichloroethene	1.00	U	0.164	1.00
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.119	1.00
106-93-4	1,2-Dibromoethane	1.00	U	0.047	1.00
95-50-1	1,2-Dichlorobenzene	1.00	U	0.079	1.00
107-06-2	1,2-Dichloroethane	1.00	U	0.086	1.00
540-59-0	1,2-Dichloroethene	1.00	U	0.122	1.00
78-87-5	1,2-Dichloropropane	1.00	U	0.064	1.00
541-73-1	1,3-Dichlorobenzene	1.00	U	0.099	1.00
106-46-7	1,4-Dichlorobenzene	1.00	U	0.118	1.00
78-93-3	2-Butanone	5.00	U	0.093	5.00
591-78-6	2-Hexanone	5.00	U	0.503	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.065	5.00
67-64-1	Acetone	5.00	U	1.15	5.00
71-43-2	Benzene	1.00	U	0.054	1.00
75-27-4	Bromodichloromethane	1.00	U	0.053	1.00
75-25-2	Bromoform	1.00	U	0.104	1.00
74-83-9	Bromomethane	1.00	U	0.264	1.00
75-15-0	Carbon disulfide	1.00	U	0.143	1.00
56-23-5	Carbon tetrachloride	1.00	U	0.148	1.00
108-90-7	Chlorobenzene	1.00	U	0.027	1.00
75-00-3	Chloroethane	1.00	U	0.351	1.00
67-66-3	Chloroform	1.00	U	0.057	1.00
74-87-3	Chloromethane	1.00	U	0.089	1.00
124-48-1	Dibromochloromethane	1.00	U	0.041	1.00
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.031	1.00
10061-02-6	trans-1,3-Dichloropropene	1.00	U	0.054	1.00
100-41-4	Ethylbenzene	1.00	U	0.063	1.00

5/2/10
ma

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____

Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21003180120

Level: (low/med) LOW

Lab File ID: 2100322P/f3591

% Moisture: not dec. _____

Date Collected: 03/18/10 Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 03/19/10

Instrument ID: MSV6

Date Analyzed: 03/23/10 Time: 0627

Soil Extract Volume: _____ (µL)

Dilution Factor: 1 Analyst: RJU

Soil Aliquot Volume: _____ (µL)

Prep Batch: _____ Analytical Batch: 428281

Analytical Method: SW-846 8260 B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.00	U	0.327	2.00
100-42-5	Styrene	1.00	U	0.051	1.00
127-18-4	Tetrachloroethene	1.00	U	0.121	1.00
108-88-3	Toluene	1.00	U	0.059	1.00
79-01-6	Trichloroethene	1.00	U	0.062	1.00
75-01-4	Vinyl chloride	1.00	U	0.093	1.00
1330-20-7	Xylene (total)	1.00	U	0.050	1.00

*5/12/10
mca*

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-TB-1033

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
Matrix: Water Lab Sample ID: 21003180120
Sample wt/vol: 5 Units: ml Lab File ID: 2100322P/f3591T
Level: (low/med) low Date Collected: 03/18/10 Time: 0000
% Moisture: not dec. Date Received: 03/19/10
GC Column: RTX-VMS-30 ID: .25 (mm) Date Analyzed: 03/23/10 Time: 0627
Instrument ID: MSV6 Dilution Factor: 1 Analyst: RJU
Soil Extract Volume: _____ (µL)
Soil Aliquot Volume: _____ (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	No tics detected			

5/12/10
msa

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-SW52-1033
 Contract: _____
 Lab File ID: 2100322/e4134
 Lab Sample ID: 21003180101
 Date Collected: 03/16/10 Time: 1100
 Date Received: 03/17/10
 Date Extracted: 03/18/10
 Date Analyzed: 03/22/10 Time: 1124
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.129	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.170	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.214	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	3.11	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.256	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.298	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.221	10.3
95-57-8	2-Chlorophenol	10.3	U	0.188	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.218	10.3
88-74-4	2-Nitroaniline	25.8	U	0.155	25.8
88-75-5	2-Nitrophenol	10.3	U	0.156	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.171	10.3
99-09-2	3-Nitroaniline	25.8	U	1.32	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.49	25.8
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.278	10.3
106-47-8	4-Chloroaniline	10.3	U	0.142	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.266	10.3
83-32-9	Acenaphthene	10.3	U	0.208	10.3
208-96-8	Acenaphthylene	10.3	U	0.122	10.3
120-12-7	Anthracene	10.3	U	0.162	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.162	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.126	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.247	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.165	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.244	10.3
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.311	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.142	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.142	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.247	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-SW52-1033
 Contract: _____
 Lab File ID: 2100322/e4134
 Lab Sample ID: 21003180101
 Date Collected: 03/16/10 Time: 1100
 Date Received: 03/17/10
 Date Extracted: 03/18/10
 Date Analyzed: 03/22/10 Time: 1124
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.288	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.354	10.3
86-74-8	Carbazole	10.3	U	0.215	10.3
218-01-9	Chrysene	10.3	U	0.272	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.148	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.268	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.268	10.3
132-64-9	Dibenzofuran	10.3	U	0.129	10.3
84-66-2	Diethylphthalate	10.3	U	0.101	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.154	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.202	10.3
206-44-0	Fluoranthene	10.3	U	0.178	10.3
86-73-7	Fluorene	10.3	U	0.138	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.265	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.225	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.135	10.3
67-72-1	Hexachloroethane	10.3	U	1.13	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.275	10.3
78-59-1	Isophorone	10.3	U	0.122	10.3
91-20-3	Naphthalene	10.3	U	0.138	10.3
100-01-6	4-Nitroaniline	25.8	U	0.236	25.8
98-95-3	Nitrobenzene	10.3	U	0.227	10.3
100-02-7	4-Nitrophenol	25.8	U	0.720	25.8
87-86-5	Pentachlorophenol	25.8	U	1.57	25.8
85-01-8	Phenanthrene	10.3	U	0.155	10.3
108-95-2	Phenol	10.3	U	0.249	10.3
129-00-0	Pyrene	10.3	U	0.207	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.342	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.384	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4134
 Matrix: Water Lab Sample ID: 21003180101
 Sample wt/vol: 970 Units: mL Date Collected: 03/16/10 Time: 1100
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1124
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

CONCENTRATION UNITS: ug/L

Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.175	10.3
95-48-7	o-Cresol	10.3	U	0.188	10.3

*5/12/10
RLY*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-SW52-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4134
 Matrix: Water Lab Sample ID: 21003180101
 Sample wt/vol: 970 Units: ml Date Collected: 03/16/10 Time: 1100
 Level: (low/med) Low Date Received: 03/17/10
 % Moisture: not dec. Date Extracted: 3/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1124
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found: 16

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	Unknown	.863	5.96	
2.	Unknown	5.634	13.9	
3.	Unknown	6.132	10.3	
4.	Unknown	6.233	16.1	
5.	Unknown	6.742	5.54	
6.	Unknown	7.367	15.9	
7.	Unknown	7.982	10.5	
8.	Unknown	8.539	5.87	
9.	619-99-8 Hexane, 3-ethyl-	.928	1.01	
10.	541-35-5 Butanamide	1.04	2.81	
11.	55956-25-7 2-Propanol, 1-[1-methyl-2-(2-propenyloxy	4.399	2.48	
12.	57-10-3 Hexadecanoic acid	4.629	2.24	
13.	Unknown	4.982	12.9	
14.	Unknown	5.062	5.2	
15.	57-11-4 Octadecanoic acid	5.105	4.05	
16.	625-08-1 Butanoic acid, 3-hydroxy-3-methyl	5.559	15.4	

5/12/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (SW52)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4135
 Matrix: Water Lab Sample ID: 21003180102
 Sample wt/vol: 900 Units: mL Date Collected: 03/16/10 Time: 0000
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1139
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	11.1	U	0.139	11.1
88-06-2	2,4,6-Trichlorophenol	11.1	U	0.183	11.1
120-83-2	2,4-Dichlorophenol	11.1	U	0.231	11.1
51-28-5	2,4-Dinitrophenol	27.8	U	3.36	27.8
121-14-2	2,4-Dinitrotoluene	11.1	U	0.276	11.1
606-20-2	2,6-Dinitrotoluene	11.1	U	0.321	11.1
91-58-7	2-Chloronaphthalene	11.1	U	0.238	11.1
95-57-8	2-Chlorophenol	11.1	U	0.202	11.1
91-57-6	2-Methylnaphthalene	11.1	U	0.234	11.1
88-74-4	2-Nitroaniline	27.8	U	0.167	27.8
88-75-5	2-Nitrophenol	11.1	U	0.168	11.1
91-94-1	3,3'-Dichlorobenzidine	11.1	U	0.184	11.1
99-09-2	3-Nitroaniline	27.8	U	1.42	27.8
534-52-1	2-Methyl-4,6-dinitrophenol	27.8	U	2.69	27.8
59-50-7	4-Chloro-3-methylphenol	11.1	U	0.300	11.1
106-47-8	4-Chloroaniline	11.1	U	0.153	11.1
7005-72-3	4-Chlorophenyl-phenylether	11.1	U	0.287	11.1
83-32-9	Acenaphthene	11.1	U	0.224	11.1
208-96-8	Acenaphthylene	11.1	U	0.131	11.1
120-12-7	Anthracene	11.1	U	0.174	11.1
56-55-3	Benzo(a)anthracene	11.1	U	0.174	11.1
50-32-8	Benzo(a)pyrene	11.1	U	0.136	11.1
205-99-2	Benzo(b)fluoranthene	11.1	U	0.267	11.1
191-24-2	Benzo(g,h,i)perylene	11.1	U	0.178	11.1
207-08-9	Benzo(k)fluoranthene	11.1	U	0.263	11.1
111-91-1	Bis(2-Chloroethoxy)methane	11.1	U	0.336	11.1
111-44-4	Bis(2-Chloroethyl)ether	11.1	U	0.153	11.1
108-60-1	bis(2-Chloroisopropyl)ether	11.1	U	0.153	11.1
117-81-7	bis(2-ethylhexyl)phthalate	11.1	U	0.267	11.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 900 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-FD-1033 (SW52)
 Contract: _____
 Lab File ID: 2100322/e4135
 Lab Sample ID: 21003180102
 Date Collected: 03/16/10 Time: 0000
 Date Received: 03/17/10
 Date Extracted: 03/18/10
 Date Analyzed: 03/22/10 Time: 1139
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	11.1	U	0.310	11.1
85-68-7	Butylbenzylphthalate	11.1	U	0.381	11.1
86-74-8	Carbazole	11.1	U	0.232	11.1
218-01-9	Chrysene	11.1	U	0.293	11.1
84-74-2	Di-n-butylphthalate	11.1	U	0.160	11.1
117-84-0	Di-n-octylphthalate	11.1	U	0.289	11.1
53-70-3	Dibenz(a,h)anthracene	11.1	U	0.289	11.1
132-64-9	Dibenzofuran	11.1	U	0.139	11.1
84-66-2	Diethylphthalate	11.1	U	0.109	11.1
131-11-3	Dimethyl-phthalate	11.1	U	0.166	11.1
105-67-9	2,4-Dimethylphenol	11.1	U	0.218	11.1
206-44-0	Fluoranthene	11.1	U	0.192	11.1
86-73-7	Fluorene	11.1	U	0.149	11.1
118-74-1	Hexachlorobenzene	11.1	U	0.286	11.1
87-68-3	Hexachlorobutadiene	11.1	U	0.242	11.1
77-47-4	Hexachlorocyclopentadiene	11.1	U	0.146	11.1
67-72-1	Hexachloroethane	11.1	U	1.22	11.1
193-39-5	Indeno(1,2,3-cd)pyrene	11.1	U	0.297	11.1
78-59-1	Isophorone	11.1	U	0.131	11.1
91-20-3	Naphthalene	11.1	U	0.149	11.1
100-01-6	4-Nitroaniline	27.8	U	0.254	27.8
98-95-3	Nitrobenzene	11.1	U	0.244	11.1
100-02-7	4-Nitrophenol	27.8	U	0.776	27.8
87-86-5	Pentachlorophenol	27.8	U	1.69	27.8
85-01-8	Phenanthrene	11.1	U	0.167	11.1
108-95-2	Phenol	11.1	U	0.269	11.1
129-00-0	Pyrene	11.1	U	0.223	11.1
1319-77-3M	m,p-Cresol	11.1	U	0.369	11.1
621-64-7	N-Nitroso-di-n-propylamine	11.1	U	0.413	11.1

*5/12/10
RLY*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (SW52)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4135
 Matrix: Water Lab Sample ID: 21003180102
 Sample wt/vol: 900 Units: mL Date Collected: 03/16/10 Time: 0000
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1139
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	11.1	U	0.189	11.1
95-48-7	o-Cresol	11.1	U	0.202	11.1

*stale
msc*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-FD-1033 (SW52)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4135
 Matrix: Water Lab Sample ID: 21003180102
 Sample wt/vol: 900 Units: ml Date Collected: 03/16/10 Time: 0000
 Level: (low/med) Low Date Received: 03/17/10
 % Moisture: not dec. Date Extracted: 318110
 GC Column: RTX-SMS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1139
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found: 16

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 558-37-2	1-Butene, 3,3-dimethyl-	.687	6.05	
2. 20324-34-9	2,5,8,11-Tetraoxatetradecan-13-ol,4,7,1	5.56	90.9	
3. 541-46-8	Butanamide, 3-methyl-	5.64	74.7	
4.	Unknown	5.843	5.29	
5. 54518-03-5	1-Propanol, 3-[3-(1-methylethoxy)propoxy	6.132	81.9	
6.	Unknown	7.378	73.1	
7. 10471-14-4	Ethane, 1-ethoxy-1-methoxy-	7.977	65.6	
8.	Unknown	8.539	66.9	
9.	Unknown	.805	3.71	
10. 123-42-2	2-Pentanone, 4-hydroxy-4-methyl	.863	9.84	
11. 115-22-0	3-Hydroxy-3-methyl-2-butanone	1.04	1.47	
12. 55956-25-7	2-Propanol, 1-[1-methyl-2-(2-propenyloxy	4.303	10.7	
13. 53778-72-6	2-Butanol, 3-methoxy-	4.399	14.6	
14.	Unknown	4.977	67	
15. 13588-28-8	1-Propanol, 2-(2-methoxypropoxy)-	5.062	42.9	
16.	Unknown	5.426	7.48	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4136
 Matrix: Water Lab Sample ID: 21003180103
 Sample wt/vol: 980 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1155
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.128	10.2
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.168	10.2
120-83-2	2,4-Dichlorophenol	10.2	U	0.212	10.2
51-28-5	2,4-Dinitrophenol	25.5	U	3.08	25.5
121-14-2	2,4-Dinitrotoluene	10.2	U	0.253	10.2
606-20-2	2,6-Dinitrotoluene	10.2	U	0.295	10.2
91-58-7	2-Chloronaphthalene	10.2	U	0.218	10.2
95-57-8	2-Chlorophenol	10.2	U	0.186	10.2
91-57-6	2-Methylnaphthalene	0.286	J	0.215	10.2
88-74-4	2-Nitroaniline	25.5	U	0.153	25.5
88-75-5	2-Nitrophenol	10.2	U	0.154	10.2
91-94-1	3,3'-Dichlorobenzidine	10.2	U	0.169	10.2
99-09-2	3-Nitroaniline	25.5	U	1.31	25.5
534-52-1	2-Methyl-4,6-dinitrophenol	25.5	U	2.47	25.5
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.276	10.2
106-47-8	4-Chloroaniline	10.2	U	0.141	10.2
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.263	10.2
83-32-9	Acenaphthene	10.2	U	0.206	10.2
208-96-8	Acenaphthylene	10.2	U	0.120	10.2
120-12-7	Anthracene	10.2	U	0.160	10.2
56-55-3	Benzo(a)anthracene	10.2	U	0.160	10.2
50-32-8	Benzo(a)pyrene	10.2	U	0.124	10.2
205-99-2	Benzo(b)fluoranthene	10.2	U	0.245	10.2
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.163	10.2
207-08-9	Benzo(k)fluoranthene	10.2	U	0.242	10.2
111-91-1	Bis(2-Chloroethoxy)methane	10.2	U	0.308	10.2
111-44-4	Bis(2-Chloroethyl)ether	10.2	U	0.141	10.2
108-60-1	bis(2-Chloroisopropyl)ether	10.2	U	0.141	10.2
117-81-7	bis(2-ethylhexyl)phthalate	10.2	U	0.245	10.2

*Stelo
RN*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 980 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-SW50-1033
 Contract: _____
 Lab File ID: 2100322/e4136
 Lab Sample ID: 21003180103
 Date Collected: 03/16/10 Time: 1140
 Date Received: 03/17/10
 Date Extracted: 03/18/10
 Date Analyzed: 03/22/10 Time: 1155
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.285	10.2
85-68-7	Butylbenzylphthalate	10.2	U	0.350	10.2
86-74-8	Carbazole	10.2	U	0.213	10.2
218-01-9	Chrysene	10.2	U	0.269	10.2
84-74-2	Di-n-butylphthalate	10.2	U	0.147	10.2
117-84-0	Di-n-octylphthalate	10.2	U	0.265	10.2
53-70-3	Dibenz(a,h)anthracene	10.2	U	0.265	10.2
132-64-9	Dibenzofuran	10.2	U	0.128	10.2
84-66-2	Diethylphthalate	10.2	U	0.100	10.2
131-11-3	Dimethyl-phthalate	10.2	U	0.152	10.2
105-67-9	2,4-Dimethylphenol	10.2	U	0.200	10.2
206-44-0	Fluoranthene	10.2	U	0.177	10.2
86-73-7	Fluorene	10.2	U	0.137	10.2
118-74-1	Hexachlorobenzene	10.2	U	0.262	10.2
87-68-3	Hexachlorobutadiene	10.2	U	0.222	10.2
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.134	10.2
67-72-1	Hexachloroethane	10.2	U	1.12	10.2
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.272	10.2
78-59-1	Isophorone	10.2	U	0.120	10.2
91-20-3	Naphthalene	10.2	U	0.137	10.2
100-01-6	4-Nitroaniline	25.5	U	0.234	25.5
98-95-3	Nitrobenzene	10.2	U	0.224	10.2
100-02-7	4-Nitrophenol	25.5	U	0.712	25.5
87-86-5	Pentachlorophenol	25.5	U	1.55	25.5
85-01-8	Phenanthrene	10.2	U	0.153	10.2
108-95-2	Phenol	10.2	U	0.247	10.2
129-00-0	Pyrene	10.2	U	0.205	10.2
1319-77-3M	m,p-Cresol	10.2	U	0.339	10.2
621-64-7	N-Nitroso-di-n-propylamine	10.2	U	0.380	10.2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4136
 Matrix: Water Lab Sample ID: 21003180103
 Sample wt/vol: 980 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1155
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

CONCENTRATION UNITS: ug/L

CAS NO. COMPOUND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.2	U	0.173	10.2
95-48-7	o-Cresol	10.2	U	0.186	10.2

*5/21/10
RLY*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-SW50-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4136
 Matrix: Water Lab Sample ID: 21003180103
 Sample wt/vol: 980 Units: ml Date Collected: 03/16/10 Time: 1140
 Level: (low/med) Low Date Received: 03/17/10
 % Moisture: not dec. Date Extracted: 3/16/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1155
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510 C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 16

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.687	5.2	
2.	1072-14-6	Silane, hexyl-	5.64	48.6	
3.	29006-02-8	Butanoic acid, 4-methoxy-	6.132	42.8	
4.		Unknown	6.228	38.9	
5.		Unknown	6.752	11.2	
6.	55956-21-3	1-Propanol, 2-(2-methoxy-1-methylethoxy)	7.378	47.5	
7.	10471-14-4	Ethane, 1-ethoxy-1-methoxy-	7.983	36.6	
8.	29006-04-0	Butanoic acid, 4-ethoxy-, methyl ester	8.549	29.4	
9.		Unknown	.805	2.82	
10.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl	.863	8.89	
11.	4436-75-3	3-Hexene-2,5-dione	1.307	.91	
12.	55956-25-7	2-Propanol, 1-[1-methyl-2-(2-propenyloxy	4.297	6.03	
13.		Unknown	4.399	11.7	
14.	1191-87-3	2,5,8,11,14,17-Hexaoxaoctadecane	4.977	38.2	
15.	541-46-8	Butanamide, 3-methyl-	5.062	35.6	
16.	106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	5.56	52.7	

*5/12/10
msr*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4137
 Matrix: Water Lab Sample ID: 21003180104
 Sample wt/vol: 980 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1210
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5CONCENTRATION UNITS: ug/LPrep Batch: 428043 Analytical Batch: 428206

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.128	10.2
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.168	10.2
120-83-2	2,4-Dichlorophenol	10.2	U	0.212	10.2
51-28-5	2,4-Dinitrophenol	25.5	U	3.08	25.5
121-14-2	2,4-Dinitrotoluene	104		0.253	10.2
606-20-2	2,6-Dinitrotoluene	10.2	U	0.295	10.2
91-58-7	2-Chloronaphthalene	10.2	U	0.218	10.2
95-57-8	2-Chlorophenol	63.8		0.186	10.2
91-57-6	2-Methylnaphthalene	10.2	U	0.215	10.2
88-74-4	2-Nitroaniline	25.5	U	0.153	25.5
88-75-5	2-Nitrophenol	10.2	U	0.154	10.2
91-94-1	3,3'-Dichlorobenzidine	10.2	U	0.169	10.2
99-09-2	3-Nitroaniline	25.5	U	1.31	25.5
534-52-1	2-Methyl-4,6-dinitrophenol	25.5	U	2.47	25.5
59-50-7	4-Chloro-3-methylphenol	80.4		0.276	10.2
106-47-8	4-Chloroaniline	10.2	U	0.141	10.2
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.263	10.2
83-32-9	Acenaphthene	92.3		0.206	10.2
208-96-8	Acenaphthylene	10.2	U	0.120	10.2
120-12-7	Anthracene	10.2	U	0.160	10.2
56-55-3	Benzo(a)anthracene	10.2	U	0.160	10.2
50-32-8	Benzo(a)pyrene	10.2	U	0.124	10.2
205-99-2	Benzo(b)fluoranthene	10.2	U	0.245	10.2
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.163	10.2
207-08-9	Benzo(k)fluoranthene	10.2	U	0.242	10.2
111-91-1	Bis(2-Chloroethoxy)methane	10.2	U	0.308	10.2
111-44-4	Bis(2-Chloroethyl)ether	10.2	U	0.141	10.2
108-60-1	bis(2-Chloroisopropyl)ether	10.2	U	0.141	10.2
117-81-7	bis(2-ethylhexyl)phthalate	10.2	U	0.245	10.2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4137
 Matrix: Water Lab Sample ID: 21003180104
 Sample wt/vol: 980 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1210
 Concentrated Extract Volume: 1000 (μ L) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (μ L) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.285	10.2
85-68-7	Butylbenzylphthalate	10.2	U	0.350	10.2
86-74-8	Carbazole	10.2	U	0.213	10.2
218-01-9	Chrysene	10.2	U	0.269	10.2
84-74-2	Di-n-butylphthalate	10.2	U	0.147	10.2
117-84-0	Di-n-octylphthalate	10.2	U	0.265	10.2
53-70-3	Dibenz(a,h)anthracene	10.2	U	0.265	10.2
132-64-9	Dibenzofuran	10.2	U	0.128	10.2
84-68-2	Diethylphthalate	10.2	U	0.100	10.2
131-11-3	Dimethyl-phthalate	10.2	U	0.152	10.2
105-67-9	2,4-Dimethylphenol	10.2	U	0.200	10.2
206-44-0	Fluoranthene	10.2	U	0.177	10.2
86-73-7	Fluorene	10.2	U	0.137	10.2
118-74-1	Hexachlorobenzene	10.2	U	0.262	10.2
87-68-3	Hexachlorobutadiene	10.2	U	0.222	10.2
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.134	10.2
67-72-1	Hexachloroethane	10.2	U	1.12	10.2
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.272	10.2
78-59-1	Isophorone	10.2	U	0.120	10.2
91-20-3	Naphthalene	10.2	U	0.137	10.2
100-01-6	4-Nitroaniline	25.5	U	0.234	25.5
98-95-3	Nitrobenzene	10.2	U	0.224	10.2
100-02-7	4-Nitrophenol	27.3		0.712	25.5
87-86-5	Pentachlorophenol	75.7		1.55	25.5
85-01-8	Phenanthrene	10.2	U	0.153	10.2
108-95-2	Phenol	24.4		0.247	10.2
129-00-0	Pyrene	101		0.205	10.2
1319-77-3M	m,p-Cresol	10.2	U	0.339	10.2
621-64-7	N-Nitroso-di-n-propylamine	96.9		0.380	10.2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4137
 Matrix: Water Lab Sample ID: 21003180104
 Sample wt/vol: 980 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1210
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.2	U	0.173	10.2
95-48-7	o-Cresol	10.2	U	0.186	10.2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-MSD-1033 (SW50)
 Contract: _____
 Lab File ID: 2100322/e4138
 Lab Sample ID: 21003180105
 Date Collected: 03/16/10 Time: 1140
 Date Received: 03/17/10
 Date Extracted: 03/18/10
 Date Analyzed: 03/22/10 Time: 1225
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.126	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.167	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.210	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	3.05	25.3
121-14-2	2,4-Dinitrotoluene	105		0.251	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.292	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.216	10.1
95-57-8	2-Chlorophenol	87.5		0.184	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.213	10.1
88-74-4	2-Nitroaniline	25.3	U	0.152	25.3
88-75-5	2-Nitrophenol	10.1	U	0.153	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.168	10.1
99-09-2	3-Nitroaniline	25.3	U	1.29	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.44	25.3
59-50-7	4-Chloro-3-methylphenol	98.6		0.273	10.1
106-47-8	4-Chloroaniline	10.1	U	0.139	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.261	10.1
83-32-9	Acenaphthene	94.5		0.204	10.1
208-96-8	Acenaphthylene	10.1	U	0.119	10.1
120-12-7	Anthracene	10.1	U	0.159	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.159	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.123	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.242	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.162	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.239	10.1
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.305	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.139	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.139	10.1
117-81-7	bis(2-ethylhexyl)phthalate	10.1	U	0.242	10.1

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4138
 Matrix: Water Lab Sample ID: 21003180105
 Sample wt/vol: 990 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1225
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.282	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.346	10.1
86-74-8	Carbazole	10.1	U	0.211	10.1
218-01-9	Chrysene	10.1	U	0.287	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.145	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.263	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.263	10.1
132-64-9	Dibenzofuran	10.1	U	0.126	10.1
84-66-2	Diethylphthalate	10.1	U	0.099	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.151	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.198	10.1
206-44-0	Fluoranthene	10.1	U	0.175	10.1
86-73-7	Fluorene	10.1	U	0.135	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.260	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.220	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.132	10.1
87-72-1	Hexachloroethane	10.1	U	1.11	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.270	10.1
78-59-1	Isophorone	10.1	U	0.119	10.1
91-20-3	Naphthalene	10.1	U	0.135	10.1
100-01-6	4-Nitroaniline	25.3	U	0.231	25.3
98-95-3	Nitrobenzene	10.1	U	0.222	10.1
100-02-7	4-Nitrophenol	40.7		0.705	25.3
87-86-5	Pentachlorophenol	77.0		1.54	25.3
85-01-8	Phenanthrene	10.1	U	0.152	10.1
108-95-2	Phenol	39.7		0.244	10.1
129-00-0	Pyrene	108		0.203	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.335	10.1
621-84-7	N-Nitroso-di-n-propylamine	102		0.376	10.1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100322/e4138
 Matrix: Water Lab Sample ID: 21003180105
 Sample wt/vol: 990 Units: mL Date Collected: 03/16/10 Time: 1140
 Level: (low/med) LOW Date Received: 03/17/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/18/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/22/10 Time: 1225
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428043 Analytical Batch: 428206

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.172	10.1
95-48-7	o-Cresol	10.1	U	0.184	10.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4247
 Matrix: Water Lab Sample ID: 21003180108
 Sample wt/vol: 990 Units: mL Date Collected: 03/17/10 Time: 1120
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1342
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.126	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.167	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.210	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	3.05	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.251	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.292	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.216	10.1
95-57-8	2-Chlorophenol	10.1	U	0.184	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.213	10.1
88-74-4	2-Nitroaniline	25.3	U	0.152	25.3
88-75-5	2-Nitrophenol	10.1	U	0.153	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.168	10.1
99-09-2	3-Nitroaniline	25.3	U	1.29	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.44	25.3
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.273	10.1
106-47-8	4-Chloroaniline	10.1	U	0.139	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.261	10.1
83-32-9	Acenaphthene	10.1	U	0.204	10.1
208-96-8	Acenaphthylene	10.1	U	0.119	10.1
120-12-7	Anthracene	10.1	U	0.159	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.159	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.123	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.242	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.162	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.239	10.1
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.305	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.139	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.139	10.1
117-81-7	bis(2-ethylhexyl)phthalate	10.1	U	0.242	10.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW07R-1033
 Contract: _____
 Lab File ID: 2100324/e4247
 Lab Sample ID: 21003180108
 Date Collected: 03/17/10 Time: 1120
 Date Received: 03/18/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1342
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.282	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.346	10.1
86-74-8	Carbazole	10.1	U	0.211	10.1
218-01-9	Chrysene	10.1	U	0.267	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.145	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.263	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.263	10.1
132-64-9	Dibenzofuran	10.1	U	0.126	10.1
84-66-2	Diethylphthalate	10.1	U	0.099	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.151	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.198	10.1
206-44-0	Fluoranthene	10.1	U	0.175	10.1
86-73-7	Fluorene	10.1	U	0.135	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.260	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.220	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.132	10.1
67-72-1	Hexachloroethane	10.1	U	1.11	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.270	10.1
78-59-1	Isophorone	10.1	U	0.119	10.1
91-20-3	Naphthalene	10.1	U	0.135	10.1
100-01-6	4-Nitroaniline	25.3	U	0.231	25.3
98-95-3	Nitrobenzene	10.1	U	0.222	10.1
100-02-7	4-Nitrophenol	25.3	U	0.705	25.3
87-86-5	Pentachlorophenol	25.3	U	1.54	25.3
85-01-8	Phenanthrene	10.1	U	0.152	10.1
108-95-2	Phenol	10.1	U	0.244	10.1
129-00-0	Pyrene	10.1	U	0.203	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.335	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.376	10.1

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4247
 Matrix: Water Lab Sample ID: 21003180108
 Sample wt/vol: 990 Units: mL Date Collected: 03/17/10 Time: 1120
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1342
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 **C**

CONCENTRATION UNITS: ug/L

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.172	10.1
95-48-7	o-Cresol	10.1	U	0.184	10.1

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Rly*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: ml
 Level: (low/med) Low
 % Moisture: not dec. _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW07R-1033
 Contract: _____
 Lab File ID: 2100324/e4247
 Lab Sample ID: 21003180108
 Date Collected: 03/17/10 Time: 1120
 Date Received: 03/18/10
 Date Extracted: 3/23/10
 Date Analyzed: 03/24/10 Time: 1342
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 12

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.853	14.6	
2.		Unknown	7.399	26.4	
3.	20637-49-4	Propane, 1,2,3-trimethoxy-	8.004	17.7	
4.		Unknown	8.614	4.36	
5.	55956-25-7	2-Propanol, 1-[1-methyl-2-(2-propenyloxy	4.308	2.84	
6.	57-10-3	Hexadecanoic acid	4.607	3.61	
7.	20324-34-9	2,5,8,11-Tetraoxatetradecan-13-ol,4,7,1	4.971	13.7	
8.	57-11-4	Octadecanoic acid	5.083	5.59	
9.	20324-33-8	2-Propanol, 1-[2-(2-methoxy-1-methyletho	5.559	18.9	
10.		Unknown	5.677	8.1	
11.		Unknown	6.137	17.9	
12.	13897-22-8	3-Hexanol, 1,5-dimethoxy-2,4-dimethyl	6.758	17.8	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4248
 Matrix: Water Lab Sample ID: 21003180109
 Sample wt/vol: 960 Units: mL Date Collected: 03/17/10 Time: 1155
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1357
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.130	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.172	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.217	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	3.15	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.258	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.301	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.223	10.4
95-57-8	2-Chlorophenol	10.4	U	0.190	10.4
91-57-6	2-Methylnaphthalene	0.242	J	0.220	10.4
88-74-4	2-Nitroaniline	26.0	U	0.156	26.0
88-75-5	2-Nitrophenol	10.4	U	0.157	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.173	10.4
99-09-2	3-Nitroaniline	26.0	U	1.33	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.52	26.0
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.281	10.4
106-47-8	4-Chloroaniline	10.4	U	0.144	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.269	10.4
83-32-9	Acenaphthene	10.4	U	0.210	10.4
208-96-8	Acenaphthylene	10.4	U	0.123	10.4
120-12-7	Anthracene	10.4	U	0.164	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.164	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.127	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.250	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.167	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.247	10.4
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.315	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.144	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.144	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.250	10.4

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCALSample ID: SK-GW26-1033Lab Code: LA024 Case No.: _____

Contract: _____

SAS No.: _____ SDG No.: 210031801Lab File ID: 2100324/e4248Matrix: WaterLab Sample ID: 21003180109Sample wt/vol: 960 Units: mLDate Collected: 03/17/10 Time: 1155Level: (low/med) LOWDate Received: 03/18/10

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 03/23/10GC Column: RTX-5MS-30 ID: .25 (mm)Date Analyzed: 03/24/10 Time: 1357Concentrated Extract Volume: 1000 (µL)Dilution Factor: 1 Analyst: RLYInjection Volume: 1.0 (µL)Prep Method: 3510CGPC Cleanup: (Y/N) N pH: _____Analytical Method: SW-846 8270 CInstrument ID: MSSV5CONCENTRATION UNITS: ug/LPrep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.291	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.357	10.4
86-74-8	Carbazole	10.4	U	0.218	10.4
218-01-9	Chrysene	10.4	U	0.275	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.150	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.271	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.271	10.4
132-64-9	Dibenzofuran	10.4	U	0.130	10.4
84-66-2	Diethylphthalate	10.4	U	0.102	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.155	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.204	10.4
206-44-0	Fluoranthene	10.4	U	0.180	10.4
86-73-7	Fluorene	10.4	U	0.140	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.268	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.227	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.136	10.4
67-72-1	Hexachloroethane	10.4	U	1.15	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.278	10.4
78-59-1	Isophorone	10.4	U	0.123	10.4
91-20-3	Naphthalene	10.4	U	0.140	10.4
100-01-6	4-Nitroaniline	26.0	U	0.239	26.0
98-95-3	Nitrobenzene	10.4	U	0.229	10.4
100-02-7	4-Nitrophenol	26.0	U	0.727	26.0
87-86-5	Pentachlorophenol	26.0	U	1.58	26.0
85-01-8	Phenanthrene	10.4	U	0.156	10.4
108-95-2	Phenol	10.4	U	0.252	10.4
129-00-0	Pyrene	10.4	U	0.209	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.346	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.388	10.4

FORM I SV-1

5/12/10
MSM

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW26-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
SAS No.: _____ SDG No.: <u>210031801</u>	Lab File ID: <u>2100324/e4248</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21003180109</u>
Sample wt/vol: <u>960</u> Units: <u>mL</u>	Date Collected: <u>03/17/10</u> Time: <u>1155</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>03/18/10</u>
% Moisture: _____ decanted: (Y/N) _____	Date Extracted: <u>03/23/10</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>03/24/10</u> Time: <u>1357</u>
Concentrated Extract Volume: <u>1000</u> (μ L)	Dilution Factor: <u>1</u> Analyst: <u>RLY</u>
Injection Volume: <u>1.0</u> (μ L)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270 C</u>
CONCENTRATION UNITS: <u>ug/L</u>	Instrument ID: <u>MSSV5</u>
	Prep Batch: <u>428285</u> Analytical Batch: <u>428374</u>
CAS NO. COMPOUND	RESULT Q MDL RL
86-30-6 N-Nitrosodiphenylamine	10.4 U 0.177 10.4
95-48-7 o-Cresol	10.4 U 0.190 10.4

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4248
 Matrix: Water Lab Sample ID: 21003180109
 Sample wt/vol: 960 Units: ml Date Collected: 03/17/10 Time: 1155
 Level: (low/med) Low Date Received: 03/18/10
 % Moisture: not dec. Date Extracted: 3/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1357
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found: 12
 CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl	.853	14.1	
2.	112-35-6	Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]-	6.774	23.2	
3.		Unknown	7.394	21.3	
4.		Unknown	7.999	9.84	
5.		Unknown	1.302	1.41	
6.		Unknown	4.303	2.59	
7.	143-07-7	Dodecanoic acid	4.608	2.99	
8.	13588-28-8	1-Propanol, 2-(2-methoxypropoxy)-	4.977	14.3	
9.	57-11-4	Octadecanoic acid	5.084	5.81	
10.		Unknown	5.56	18	
11.		Unknown	5.667	4.68	
12.		Unknown	6.143	16.5	

5/12/10
MLR

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4249
 Matrix: Water Lab Sample ID: 21003180110
 Sample wt/vol: 990 Units: mL Date Collected: 03/17/10 Time: 0940
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1412
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.126	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.167	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.210	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	3.05	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.251	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.292	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.216	10.1
95-57-8	2-Chlorophenol	10.1	U	0.184	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.213	10.1
88-74-4	2-Nitroaniline	25.3	U	0.152	25.3
88-75-5	2-Nitrophenol	10.1	U	0.153	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.168	10.1
99-09-2	3-Nitroaniline	25.3	U	1.29	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.44	25.3
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.273	10.1
106-47-8	4-Chloroaniline	10.1	U	0.139	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.261	10.1
83-32-9	Acenaphthene	10.1	U	0.204	10.1
208-96-8	Acenaphthylene	10.1	U	0.119	10.1
120-12-7	Anthracene	10.1	U	0.159	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.159	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.123	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.242	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.162	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.239	10.1
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.305	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.139	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.139	10.1
117-81-7	bis(2-ethylhexyl)phthalate	2.07	J	0.242	10.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW63-1033
 Contract: _____
 Lab File ID: 2100324/e4249
 Lab Sample ID: 21003180110
 Date Collected: 03/17/10 Time: 0940
 Date Received: 03/18/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1412
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.282	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.346	10.1
86-74-8	Carbazole	10.1	U	0.211	10.1
218-01-9	Chrysene	10.1	U	0.267	10.1
84-74-2	Di-n-butylphthalate	0.464	J	0.145	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.263	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.263	10.1
132-64-9	Dibenzofuran	10.1	U	0.126	10.1
84-66-2	Diethylphthalate	10.1	U	0.099	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.151	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.198	10.1
206-44-0	Fluoranthene	10.1	U	0.175	10.1
86-73-7	Fluorene	10.1	U	0.135	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.260	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.220	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.132	10.1
67-72-1	Hexachloroethane	10.1	U	1.11	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.270	10.1
78-59-1	Isophorone	10.1	U	0.119	10.1
91-20-3	Naphthalene	10.1	U	0.135	10.1
100-01-6	4-Nitroaniiline	25.3	U	0.231	25.3
98-95-3	Nitrobenzene	10.1	U	0.222	10.1
100-02-7	4-Nitrophenol	25.3	U	0.705	25.3
87-86-5	Pentachlorophenol	25.3	U	1.54	25.3
85-01-8	Phenanthrene	10.1	U	0.152	10.1
108-95-2	Phenol	10.1	U	0.244	10.1
129-00-0	Pyrene	10.1	U	0.203	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.335	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.376	10.1

*SL/210
MVA*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4249
 Matrix: Water Lab Sample ID: 21003180110
 Sample wt/vol: 990 Units: mL Date Collected: 03/17/10 Time: 0940
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1412
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.172	10.1
95-48-7	o-Cresol	10.1	U	0.184	10.1

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4249
 Matrix: Water Lab Sample ID: 21003180110
 Sample wt/vol: 990 Units: ml Date Collected: 03/17/10 Time: 0940
 Level: (low/med) Low Date Received: 03/18/10
 % Moisture: not dec. Date Extracted: 3/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1412
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 17
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	Unknown	.687	7.52	
2.	6795-88-6 Pentane, 2-methoxy-	5.64	45.7	
3.	Unknown	6.116	74.1	
4.	13588-28-8 1-Propanol, 2-(2-methoxypropoxy)-	6.233	47.4	
5.	1638-16-0 2-Propanol, 1,1'-[(1-methyl-1,2-ethanedi	6.437	5.38	
6.	112-35-6 Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]-	6.736	44.7	
7.	Unknown	7.357	93.2	
8.	54063-18-2 Ethene, (2-ethoxy-1-methoxyethoxy)-	7.961	80.3	
9.	Unknown	8.539	15.3	
10.	Unknown	.853	11.1	
11.	4436-75-3 3-Hexene-2,5-dione	1.302	1.88	
12.	462-95-3 Methane, diethoxy-	4.297	9.89	
13.	55956-25-7 2-Propanol, 1-[1-methyl-2-(2-propenyloxy	4.415	11.1	
14.	57-10-3 Hexadecanoic acid	4.607	10.2	
15.	20324-33-8 2-Propanol, 1-[2-(2-methoxy-1-methyletho	4.971	50.2	
16.	57-11-4 Octadecanoic acid	5.083	12.4	
17.	Unknown	5.543	72.3	

*5/10/10
RLY*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCALSample ID: SK-GW65-1033Lab Code: LA024 Case No.: _____

Contract: _____

SAS No.: _____ SDG No.: 210031801Lab File ID: 2100324/e4250Matrix: WaterLab Sample ID: 21003180111Sample wt/vol: 970 Units: mLDate Collected: 03/17/10 Time: 1000Level: (low/med) LOWDate Received: 03/18/10

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 03/23/10GC Column: RTX-5MS-30 ID: .25 (mm)Date Analyzed: 03/24/10 Time: 1427Concentrated Extract Volume: 1000 (μL)Dilution Factor: 1 Analyst: RLYInjection Volume: 1.0 (μL)Prep Method: 3510CGPC Cleanup: (Y/N) N pH: _____Analytical Method: SW-846 8270 CInstrument ID: MSSV5CONCENTRATION UNITS: ug/LPrep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.129	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.170	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.214	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	3.11	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.256	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.298	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.221	10.3
95-57-8	2-Chlorophenol	10.3	U	0.188	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.218	10.3
88-74-4	2-Nitroaniline	25.8	U	0.155	25.8
88-75-5	2-Nitrophenol	10.3	U	0.156	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.171	10.3
99-09-2	3-Nitroaniline	25.8	U	1.32	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.49	25.8
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.278	10.3
106-47-8	4-Chloroaniline	10.3	U	0.142	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.266	10.3
83-32-9	Acenaphthene	10.3	U	0.208	10.3
208-96-8	Acenaphthylene	10.3	U	0.122	10.3
120-12-7	Anthracene	10.3	U	0.162	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.162	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.126	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.247	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.165	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.244	10.3
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.311	10.3
111-44-4	Bis(2-Chloroethyl)ether	10.3	U	0.142	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.142	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.247	10.3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW65-1033
 Contract: _____
 Lab File ID: 2100324/e4250
 Lab Sample ID: 21003180111
 Date Collected: 03/17/10 Time: 1000
 Date Received: 03/18/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1427
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.288	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.354	10.3
86-74-8	Carbazole	10.3	U	0.215	10.3
218-01-9	Chrysene	10.3	U	0.272	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.148	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.268	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.268	10.3
132-64-9	Dibenzofuran	10.3	U	0.129	10.3
84-66-2	Diethylphthalate	10.3	U	0.101	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.154	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.202	10.3
206-44-0	Fluoranthene	10.3	U	0.178	10.3
86-73-7	Fluorene	10.3	U	0.138	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.265	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.225	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.135	10.3
67-72-1	Hexachloroethane	10.3	U	1.13	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.275	10.3
78-59-1	Isophorone	10.3	U	0.122	10.3
91-20-3	Naphthalene	10.3	U	0.138	10.3
100-01-6	4-Nitroaniline	25.8	U	0.236	25.8
98-95-3	Nitrobenzene	10.3	U	0.227	10.3
100-02-7	4-Nitrophenol	25.8	U	0.720	25.8
87-86-5	Pentachlorophenol	25.8	U	1.57	25.8
85-01-8	Phenanthrene	10.3	U	0.155	10.3
108-95-2	Phenol	10.3	U	0.249	10.3
129-00-0	Pyrene	10.3	U	0.207	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.342	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.384	10.3

sk/rl/ro
ma

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4250
 Matrix: Water Lab Sample ID: 21003180111
 Sample wt/vol: 970 Units: mL Date Collected: 03/17/10 Time: 1000
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1427
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.175	10.3
95-48-7	o-Cresol	10.3	U	0.188	10.3

*5/24/10
RLY*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW65-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
SAS No.: _____ SDG No.: <u>210031801</u>	Lab File ID: <u>2100324/e4250</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21003180111</u>
Sample wt/vol: <u>970</u> Units: <u>ML</u>	Date Collected: <u>03/17/10</u> Time: <u>1000</u>
Level: (low/med) <u>Low</u>	Date Received: <u>03/18/10</u>
% Moisture: not dec.	Date Extracted: <u>3/23/10</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>03/24/10</u> Time: <u>1427</u>
Concentrated Extract Volume: <u>1000</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>RLY</u>
Injection Volume: <u>1.0</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270C</u>
	Instrument ID: <u>MSSV5</u>

Number TICs Found : 7

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	.853	16.3	
2.	57-10-3	Hexadecanoic acid	4.607	6.26	
3.		Unknown	4.987	4.48	
4.	57-11-4	Octadecanoic acid	5.083	7.75	
5.	10143-32-5	2-Propanol, 1-(2-ethoxypropoxy)-	5.575	5.07	
6.		Unknown	6.164	4.2	
7.		Unknown	6.774	3.43	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-FD-1033 (GW07R)
 Contract: _____
 Lab File ID: 2100324/e4251
 Lab Sample ID: 21003180112
 Date Collected: 03/17/10 Time: 0000
 Date Received: 03/18/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1443
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.126	10.1
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.167	10.1
120-83-2	2,4-Dichlorophenol	10.1	U	0.210	10.1
51-28-5	2,4-Dinitrophenol	25.3	U	3.05	25.3
121-14-2	2,4-Dinitrotoluene	10.1	U	0.251	10.1
606-20-2	2,6-Dinitrotoluene	10.1	U	0.292	10.1
91-58-7	2-Chloronaphthalene	10.1	U	0.216	10.1
95-57-8	2-Chlorophenol	10.1	U	0.184	10.1
91-57-6	2-Methylnaphthalene	10.1	U	0.213	10.1
88-74-4	2-Nitroaniline	25.3	U	0.152	25.3
88-75-5	2-Nitrophenol	10.1	U	0.153	10.1
91-94-1	3,3'-Dichlorobenzidine	10.1	U	0.168	10.1
99-09-2	3-Nitroaniline	25.3	U	1.29	25.3
534-52-1	2-Methyl-4,6-dinitrophenol	25.3	U	2.44	25.3
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.273	10.1
106-47-8	4-Chloroaniline	10.1	U	0.139	10.1
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.261	10.1
83-32-9	Acenaphthene	10.1	U	0.204	10.1
208-96-8	Acenaphthylene	10.1	U	0.119	10.1
120-12-7	Anthracene	10.1	U	0.159	10.1
56-55-3	Benzo(a)anthracene	10.1	U	0.159	10.1
50-32-8	Benzo(a)pyrene	10.1	U	0.123	10.1
205-99-2	Benzo(b)fluoranthene	10.1	U	0.242	10.1
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.162	10.1
207-08-9	Benzo(k)fluoranthene	10.1	U	0.239	10.1
111-91-1	Bis(2-Chloroethoxy)methane	10.1	U	0.305	10.1
111-44-4	Bis(2-Chloroethyl)ether	10.1	U	0.139	10.1
108-60-1	bis(2-Chloroisopropyl)ether	10.1	U	0.139	10.1
117-81-7	bis(2-ethylhexyl)phthalate	0.833	J	0.242	10.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 990 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-FD-1033 (GW07R)
 Contract: _____
 Lab File ID: 2100324/e4251
 Lab Sample ID: 21003180112
 Date Collected: 03/17/10 Time: 0000
 Date Received: 03/18/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1443
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.282	10.1
85-68-7	Butylbenzylphthalate	10.1	U	0.346	10.1
86-74-8	Carbazole	10.1	U	0.211	10.1
218-01-9	Chrysene	10.1	U	0.267	10.1
84-74-2	Di-n-butylphthalate	10.1	U	0.145	10.1
117-84-0	Di-n-octylphthalate	10.1	U	0.263	10.1
53-70-3	Dibenz(a,h)anthracene	10.1	U	0.263	10.1
132-64-9	Dibenzofuran	10.1	U	0.126	10.1
84-66-2	Diethylphthalate	10.1	U	0.099	10.1
131-11-3	Dimethyl-phthalate	10.1	U	0.151	10.1
105-67-9	2,4-Dimethylphenol	10.1	U	0.198	10.1
206-44-0	Fluoranthene	10.1	U	0.175	10.1
86-73-7	Fluorene	10.1	U	0.135	10.1
118-74-1	Hexachlorobenzene	10.1	U	0.260	10.1
87-68-3	Hexachlorobutadiene	10.1	U	0.220	10.1
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.132	10.1
67-72-1	Hexachloroethane	10.1	U	1.11	10.1
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.270	10.1
78-59-1	Isophorone	10.1	U	0.119	10.1
91-20-3	Naphthalene	10.1	U	0.135	10.1
100-01-6	4-Nitroaniline	25.3	U	0.231	25.3
98-95-3	Nitrobenzene	10.1	U	0.222	10.1
100-02-7	4-Nitrophenol	25.3	U	0.705	25.3
87-86-5	Pentachlorophenol	25.3	U	1.54	25.3
85-01-8	Phenanthrene	10.1	U	0.152	10.1
108-95-2	Phenol	10.1	U	0.244	10.1
129-00-0	Pyrene	10.1	U	0.203	10.1
1319-77-3M	m,p-Cresol	10.1	U	0.335	10.1
621-64-7	N-Nitroso-di-n-propylamine	10.1	U	0.376	10.1

*stale
rx*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4251
 Matrix: Water Lab Sample ID: 21003180112
 Sample wt/vol: 990 Units: mL Date Collected: 03/17/10 Time: 0000
 Level: (low/med) LOW Date Received: 03/18/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1443
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

CONCENTRATION UNITS: ug/L

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.1	U	0.172	10.1
95-48-7	o-Cresol	10.1	U	0.184	10.1

*shelo
m/s*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4251
 Matrix: Water Lab Sample ID: 21003180112
 Sample wt/vol: 990 Units: ml Date Collected: 03/17/10 Time: 0000
 Level: (low/med) low Date Received: 03/18/10
 % Moisture: not dec. Date Extracted: 3/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1443
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 8

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	.853	11.2	
2.		Unknown	1.302	.935	
3.	57-10-3	Hexadecanoic acid	4.607	4.74	
4.	143-24-8	2,5,8,11,14-Pentaoxapentadecane	4.982	6.29	
5.	57-11-4	Octadecanoic acid	5.084	6.25	
6.		Unknown	5.565	6.22	
7.		Unknown	6.164	6.09	
8.		Unknown	6.768	2.06	

*Stanko
mx*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4252
 Matrix: Water Lab Sample ID: 21003180114
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 1130
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1458
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 **C**

CONCENTRATION UNITS: ug/L

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.130	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.172	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.217	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	3.15	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.258	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.301	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.223	10.4
95-57-8	2-Chlorophenol	10.4	U	0.190	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.220	10.4
88-74-4	2-Nitroaniline	26.0	U	0.156	26.0
88-75-5	2-Nitrophenol	10.4	U	0.157	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.173	10.4
99-09-2	3-Nitroaniline	26.0	U	1.33	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.52	26.0
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.281	10.4
106-47-8	4-Chloroaniline	10.4	U	0.144	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.269	10.4
83-32-9	Acenaphthene	10.4	U	0.210	10.4
208-96-8	Acenaphthylene	10.4	U	0.123	10.4
120-12-7	Anthracene	10.4	U	0.164	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.164	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.127	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.250	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.167	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.247	10.4
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.315	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.144	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.144	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.250	10.4

*stale
min*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCALSample ID: SK-GW58-1033Lab Code: LA024 Case No.: _____

Contract: _____

SAS No.: _____ SDG No.: 210031801Lab File ID: 2100324/e4252Matrix: WaterLab Sample ID: 21003180114Sample wt/vol: 960 Units: mLDate Collected: 03/18/10 Time: 1130Level: (low/med) LOWDate Received: 03/19/10

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 03/23/10GC Column: RTX-5MS-30 ID: .25 (mm)Date Analyzed: 03/24/10 Time: 1458Concentrated Extract Volume: 1000 (μL)Dilution Factor: 1 Analyst: RLYInjection Volume: 1.0 (μL)Prep Method: 3510CGPC Cleanup: (Y/N) N pH: _____Analytical Method: SW-846 8270 CInstrument ID: MSSV5CONCENTRATION UNITS: ug/LPrep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.291	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.357	10.4
86-74-8	Carbazole	10.4	U	0.218	10.4
218-01-9	Chrysene	10.4	U	0.275	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.150	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.271	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.271	10.4
132-64-9	Dibenzofuran	10.4	U	0.130	10.4
84-66-2	Diethylphthalate	10.4	U	0.102	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.155	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.204	10.4
206-44-0	Fluoranthene	10.4	U	0.180	10.4
86-73-7	Fluorene	10.4	U	0.140	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.268	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.227	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.136	10.4
67-72-1	Hexachloroethane	10.4	U	1.15	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.278	10.4
78-59-1	Isophorone	10.4	U	0.123	10.4
91-20-3	Naphthalene	10.4	U	0.140	10.4
100-01-6	4-Nitroaniline	26.0	U	0.239	26.0
98-95-3	Nitrobenzene	10.4	U	0.229	10.4
100-02-7	4-Nitrophenol	26.0	U	0.727	26.0
87-86-5	Pentachlorophenol	26.0	U	1.58	26.0
85-01-8	Phenanthrene	10.4	U	0.156	10.4
108-95-2	Phenol	10.4	U	0.252	10.4
129-00-0	Pyrene	10.4	U	0.209	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.346	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.388	10.4

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4252
 Matrix: Water Lab Sample ID: 21003180114
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 1130
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1458
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 CONCENTRATION UNITS: ug/L Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.4	U	0.177	10.4
95-48-7	o-Cresol	10.4	U	0.190	10.4

*Straleo
msc*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4252
 Matrix: Water Lab Sample ID: 21003180114
 Sample wt/vol: 960 Units: ml Date Collected: 03/18/10 Time: 1130
 Level: (low/med) Low Date Received: 03/19/10
 % Moisture: not dec. Date Extracted: 3/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1458
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 10

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	.853	6.98	
2.		Unknown	7.437	9.62	
3.		Unknown	.922	1.33	
4.		Unknown	1.302	1.16	
5.	57-10-3	Hexadecanoic acid	4.607	3.05	
6.		Unknown	4.982	7.02	
7.	57-11-4	Octadecanoic acid	5.084	4.41	
8.	20324-33-8	2-Propanol, 1-[2-(2-methoxy-1-methyletho	5.57	10.1	
9.		Unknown	6.148	8.16	
10.		Unknown	6.774	11.2	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4253
 Matrix: Water Lab Sample ID: 21003180115
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 0930
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1513
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.130	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.172	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.217	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	3.15	26.0
121-14-2	2,4-Dinitrotoluene	10.4	U	0.258	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.301	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.223	10.4
95-57-8	2-Chlorophenol	10.4	U	0.190	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.220	10.4
88-74-4	2-Nitroaniline	26.0	U	0.156	26.0
88-75-5	2-Nitrophenol	10.4	U	0.157	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.173	10.4
99-09-2	3-Nitroaniline	26.0	U	1.33	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.52	26.0
59-50-7	4-Chloro-3-methylphenol	10.4	U	0.281	10.4
106-47-8	4-Chloroaniline	10.4	U	0.144	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.269	10.4
83-32-9	Acenaphthene	10.4	U	0.210	10.4
208-96-8	Acenaphthylene	10.4	U	0.123	10.4
120-12-7	Anthracene	10.4	U	0.164	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.164	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.127	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.250	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.167	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.247	10.4
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.315	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.144	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.144	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.250	10.4

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4253
 Matrix: Water Lab Sample ID: 21003180115
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 0930
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1513
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.291	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.357	10.4
86-74-8	Carbazole	10.4	U	0.218	10.4
218-01-9	Chrysene	10.4	U	0.275	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.150	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.271	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.271	10.4
132-64-9	Dibenzofuran	10.4	U	0.130	10.4
84-66-2	Diethylphthalate	10.4	U	0.102	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.155	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.204	10.4
206-44-0	Fluoranthene	10.4	U	0.180	10.4
86-73-7	Fluorene	10.4	U	0.140	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.268	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.227	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.136	10.4
67-72-1	Hexachloroethane	10.4	U	1.15	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.278	10.4
78-59-1	Isophorone	10.4	U	0.123	10.4
91-20-3	Naphthalene	10.4	U	0.140	10.4
100-01-6	4-Nitroaniline	26.0	U	0.239	26.0
98-95-3	Nitrobenzene	10.4	U	0.229	10.4
100-02-7	4-Nitrophenol	26.0	U	0.727	26.0
87-86-5	Pentachlorophenol	26.0	U	1.58	26.0
85-01-8	Phenanthrene	10.4	U	0.156	10.4
108-95-2	Phenol	10.4	U	0.252	10.4
129-00-0	Pyrene	10.4	U	0.209	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.346	10.4
621-64-7	N-Nitroso-di-n-propylamine	10.4	U	0.388	10.4

*5/12/10
RLY*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4253
 Matrix: Water Lab Sample ID: 21003180115
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 0930
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1513
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.4	U	0.177	10.4
95-48-7	o-Cresol	10.4	U	0.190	10.4

Strelco

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4253
 Matrix: Water Lab Sample ID: 21003180115
 Sample wt/vol: 960 Units: ml Date Collected: 03/18/10 Time: 0930
 Level: (low/med) Low Date Received: 03/19/10
 % Moisture: not dec. Date Extracted: 3/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1513
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510 C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found : 8

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.692	4.86	
2.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	.853	7.03	
3.		Unknown	1.302	.975	
4.		Unknown	1.495	1.11	
5.		Unknown	4.319	2.44	
6.		Unknown	4.666	.613	
7.		Unknown	5.003	1.5	
8.	57-11-4	Octadecanoic acid	5.084	3.04	

skl/m

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4254
 Matrix: Water Lab Sample ID: 21003180116
 Sample wt/vol: 970 Units: mL Date Collected: 03/18/10 Time: 1000
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1528
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.129	10.3
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.170	10.3
120-83-2	2,4-Dichlorophenol	10.3	U	0.214	10.3
51-28-5	2,4-Dinitrophenol	25.8	U	3.11	25.8
121-14-2	2,4-Dinitrotoluene	10.3	U	0.256	10.3
606-20-2	2,6-Dinitrotoluene	10.3	U	0.298	10.3
91-58-7	2-Chloronaphthalene	10.3	U	0.221	10.3
95-57-8	2-Chlorophenol	10.3	U	0.188	10.3
91-57-6	2-Methylnaphthalene	10.3	U	0.218	10.3
88-74-4	2-Nitroaniline	25.8	U	0.155	25.8
88-75-5	2-Nitrophenol	10.3	U	0.156	10.3
91-94-1	3,3'-Dichlorobenzidine	10.3	U	0.171	10.3
99-09-2	3-Nitroaniline	25.8	U	1.32	25.8
534-52-1	2-Methyl-4,6-dinitrophenol	25.8	U	2.49	25.8
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.278	10.3
106-47-8	4-Chloroaniline	10.3	U	0.142	10.3
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.266	10.3
83-32-9	Acenaphthene	10.3	U	0.208	10.3
208-96-8	Acenaphthylene	10.3	U	0.122	10.3
120-12-7	Anthracene	10.3	U	0.162	10.3
56-55-3	Benzo(a)anthracene	10.3	U	0.162	10.3
50-32-8	Benzo(a)pyrene	10.3	U	0.126	10.3
205-99-2	Benzo(b)fluoranthene	10.3	U	0.247	10.3
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.165	10.3
207-08-9	Benzo(k)fluoranthene	10.3	U	0.244	10.3
111-91-1	Bis(2-Chloroethoxy)methane	10.3	U	0.311	10.3
111-44-4	Bis(2-Chloroethyl)ether	0.366	J	0.142	10.3
108-60-1	bis(2-Chloroisopropyl)ether	10.3	U	0.142	10.3
117-81-7	bis(2-ethylhexyl)phthalate	10.3	U	0.247	10.3

5/16/10
MSK
161

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 970 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW61-1033
 Contract: _____
 Lab File ID: 2100324/e4254
 Lab Sample ID: 21003180116
 Date Collected: 03/18/10 Time: 1000
 Date Received: 03/19/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1528
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.288	10.3
85-68-7	Butylbenzylphthalate	10.3	U	0.354	10.3
86-74-8	Carbazole	10.3	U	0.215	10.3
218-01-9	Chrysene	10.3	U	0.272	10.3
84-74-2	Di-n-butylphthalate	10.3	U	0.148	10.3
117-84-0	Di-n-octylphthalate	10.3	U	0.268	10.3
53-70-3	Dibenz(a,h)anthracene	10.3	U	0.268	10.3
132-64-9	Dibenzofuran	10.3	U	0.129	10.3
84-66-2	Diethylphthalate	10.3	U	0.101	10.3
131-11-3	Dimethyl-phthalate	10.3	U	0.154	10.3
105-67-9	2,4-Dimethylphenol	10.3	U	0.202	10.3
206-44-0	Fluoranthene	10.3	U	0.178	10.3
86-73-7	Fluorene	10.3	U	0.138	10.3
118-74-1	Hexachlorobenzene	10.3	U	0.265	10.3
87-68-3	Hexachlorobutadiene	10.3	U	0.225	10.3
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.135	10.3
67-72-1	Hexachloroethane	10.3	U	1.13	10.3
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.275	10.3
78-59-1	Isophorone	10.3	U	0.122	10.3
91-20-3	Naphthalene	10.3	U	0.138	10.3
100-01-6	4-Nitroaniline	25.8	U	0.236	25.8
98-95-3	Nitrobenzene	10.3	U	0.227	10.3
100-02-7	4-Nitrophenol	25.8	U	0.720	25.8
87-86-5	Pentachlorophenol	25.8	U	1.57	25.8
85-01-8	Phenanthrene	10.3	U	0.155	10.3
108-95-2	Phenol	10.3	U	0.249	10.3
129-00-0	Pyrene	10.3	U	0.207	10.3
1319-77-3M	m,p-Cresol	10.3	U	0.342	10.3
621-64-7	N-Nitroso-di-n-propylamine	10.3	U	0.384	10.3

*5/10/10
mx*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4254
 Matrix: Water Lab Sample ID: 21003180116
 Sample wt/vol: 970 Units: mL Date Collected: 03/18/10 Time: 1000
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1528
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.3	U	0.175	10.3
95-48-7	o-Cresol	10.3	U	0.188	10.3

*5/12/10
RLY*

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 970 Units: ml
 Level: (low/med) Low
 % Moisture: not dec. _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-GW61-1033
 Contract: _____
 Lab File ID: 2100324/e4254
 Lab Sample ID: 21003180116
 Date Collected: 03/18/10 Time: 1000
 Date Received: 03/19/10
 Date Extracted: 3/23/10
 Date Analyzed: 03/24/10 Time: 1528
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270C
 Instrument ID: MSSV5

Number TICs Found: 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.719	5.9	
2.	110-98-5	2-Propanol, 1,1'-oxybis-	5.581	3.36	
3.		Unknown	.853	6.98	
4.	110-89-4	Piperidine	.922	1.79	
5.	15980-15-1	1,4-Oxathiane	1.045	.714	
6.		Unknown	1.302	1.32	
7.		Unknown	4.559	.856	
8.	57-10-3	Hexadecanoic acid	4.607	4.59	
9.		Unknown	4.998	2.92	
10.	57-11-4	Octadecanoic acid	5.083	5.15	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4255
 Matrix: Water Lab Sample ID: 21003180117
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 1130
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1544
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374
 CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.4	U	0.130	10.4
88-06-2	2,4,6-Trichlorophenol	10.4	U	0.172	10.4
120-83-2	2,4-Dichlorophenol	10.4	U	0.217	10.4
51-28-5	2,4-Dinitrophenol	26.0	U	3.15	26.0
121-14-2	2,4-Dinitrotoluene	102		0.258	10.4
606-20-2	2,6-Dinitrotoluene	10.4	U	0.301	10.4
91-58-7	2-Chloronaphthalene	10.4	U	0.223	10.4
95-57-8	2-Chlorophenol	78.6		0.190	10.4
91-57-6	2-Methylnaphthalene	10.4	U	0.220	10.4
88-74-4	2-Nitroaniline	26.0	U	0.156	26.0
88-75-5	2-Nitrophenol	10.4	U	0.157	10.4
91-94-1	3,3'-Dichlorobenzidine	10.4	U	0.173	10.4
99-09-2	3-Nitroaniline	26.0	U	1.33	26.0
534-52-1	2-Methyl-4,6-dinitrophenol	26.0	U	2.52	26.0
59-50-7	4-Chloro-3-methylphenol	75.7		0.281	10.4
106-47-8	4-Chloroaniline	10.4	U	0.144	10.4
7005-72-3	4-Chlorophenyl-phenylether	10.4	U	0.269	10.4
83-32-9	Acenaphthene	94.0		0.210	10.4
208-96-8	Acenaphthylene	10.4	U	0.123	10.4
120-12-7	Anthracene	10.4	U	0.164	10.4
56-55-3	Benzo(a)anthracene	10.4	U	0.164	10.4
50-32-8	Benzo(a)pyrene	10.4	U	0.127	10.4
205-99-2	Benzo(b)fluoranthene	10.4	U	0.250	10.4
191-24-2	Benzo(g,h,i)perylene	10.4	U	0.167	10.4
207-08-9	Benzo(k)fluoranthene	10.4	U	0.247	10.4
111-91-1	Bis(2-Chloroethoxy)methane	10.4	U	0.315	10.4
111-44-4	Bis(2-Chloroethyl)ether	10.4	U	0.144	10.4
108-60-1	bis(2-Chloroisopropyl)ether	10.4	U	0.144	10.4
117-81-7	bis(2-ethylhexyl)phthalate	10.4	U	0.250	10.4

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 960 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-MS-1033 (GW58)
 Contract: _____
 Lab File ID: 2100324/e4255
 Lab Sample ID: 21003180117
 Date Collected: 03/18/10 Time: 1130
 Date Received: 03/19/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1544
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.4	U	0.291	10.4
85-68-7	Butylbenzylphthalate	10.4	U	0.357	10.4
86-74-8	Carbazole	10.4	U	0.218	10.4
218-01-9	Chrysene	10.4	U	0.275	10.4
84-74-2	Di-n-butylphthalate	10.4	U	0.150	10.4
117-84-0	Di-n-octylphthalate	10.4	U	0.271	10.4
53-70-3	Dibenz(a,h)anthracene	10.4	U	0.271	10.4
132-64-9	Dibenzofuran	10.4	U	0.130	10.4
84-66-2	Diethylphthalate	10.4	U	0.102	10.4
131-11-3	Dimethyl-phthalate	10.4	U	0.155	10.4
105-67-9	2,4-Dimethylphenol	10.4	U	0.204	10.4
206-44-0	Fluoranthene	10.4	U	0.180	10.4
86-73-7	Fluorene	10.4	U	0.140	10.4
118-74-1	Hexachlorobenzene	10.4	U	0.268	10.4
87-68-3	Hexachlorobutadiene	10.4	U	0.227	10.4
77-47-4	Hexachlorocyclopentadiene	10.4	U	0.136	10.4
67-72-1	Hexachloroethane	10.4	U	1.15	10.4
193-39-5	Indeno(1,2,3-cd)pyrene	10.4	U	0.278	10.4
78-59-1	Isophorone	10.4	U	0.123	10.4
91-20-3	Naphthalene	10.4	U	0.140	10.4
100-01-6	4-Nitroaniline	26.0	U	0.239	26.0
98-95-3	Nitrobenzene	10.4	U	0.229	10.4
100-02-7	4-Nitrophenol	50.2		0.727	26.0
87-86-5	Pentachlorophenol	105		1.58	26.0
85-01-8	Phenanthrene	10.4	U	0.156	10.4
108-95-2	Phenol	32.8		0.252	10.4
129-00-0	Pyrene	94.2		0.209	10.4
1319-77-3M	m,p-Cresol	10.4	U	0.346	10.4
621-64-7	N-Nitroso-di-n-propylamine	89.3		0.388	10.4

*skelco
MSU*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4255
 Matrix: Water Lab Sample ID: 21003180117
 Sample wt/vol: 960 Units: mL Date Collected: 03/18/10 Time: 1130
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1544
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C

Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.4	U	0.177	10.4
95-48-7	o-Cresol	10.4	U	0.190	10.4

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 SAS No.: _____ SDG No.: 210031801 Lab File ID: 2100324/e4256
 Matrix: Water Lab Sample ID: 21003180118
 Sample wt/vol: 950 Units: mL Date Collected: 03/18/10 Time: 1130
 Level: (low/med) LOW Date Received: 03/19/10
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 03/23/10
 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 03/24/10 Time: 1559
 Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: RLY
 Injection Volume: 1.0 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5
 Prep Batch: 428285 Analytical Batch: 428374

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.5	U	0.132	10.5
88-06-2	2,4,6-Trichlorophenol	10.5	U	0.174	10.5
120-83-2	2,4-Dichlorophenol	10.5	U	0.219	10.5
51-28-5	2,4-Dinitrophenol	26.3	U	3.18	26.3
121-14-2	2,4-Dinitrotoluene	106		0.261	10.5
606-20-2	2,6-Dinitrotoluene	10.5	U	0.304	10.5
91-58-7	2-Chloronaphthalene	10.5	U	0.225	10.5
95-57-8	2-Chlorophenol	87.5		0.192	10.5
91-57-6	2-Methylnaphthalene	10.5	U	0.222	10.5
88-74-4	2-Nitroaniline	26.3	U	0.158	26.3
88-75-5	2-Nitrophenol	10.5	U	0.159	10.5
91-94-1	3,3'-Dichlorobenzidine	10.5	U	0.175	10.5
99-09-2	3-Nitroaniline	26.3	U	1.35	26.3
534-52-1	2-Methyl-4,6-dinitrophenol	26.3	U	2.55	26.3
59-50-7	4-Chloro-3-methylphenol	85.8		0.284	10.5
106-47-8	4-Chloroaniline	10.5	U	0.145	10.5
7005-72-3	4-Chlorophenyl-phenylether	10.5	U	0.272	10.5
83-32-9	Acenaphthene	96.4		0.213	10.5
208-96-8	Acenaphthylene	10.5	U	0.124	10.5
120-12-7	Anthracene	10.5	U	0.165	10.5
56-55-3	Benzo(a)anthracene	10.5	U	0.165	10.5
50-32-8	Benzo(a)pyrene	10.5	U	0.128	10.5
205-99-2	Benzo(b)fluoranthene	10.5	U	0.253	10.5
191-24-2	Benzo(g,h,i)perylene	10.5	U	0.168	10.5
207-08-9	Benzo(k)fluoranthene	10.5	U	0.249	10.5
111-91-1	Bis(2-Chloroethoxy)methane	10.5	U	0.318	10.5
111-44-4	Bis(2-Chloroethyl)ether	10.5	U	0.145	10.5
108-60-1	bis(2-Chloroisopropyl)ether	10.5	U	0.145	10.5
117-81-7	bis(2-ethylhexyl)phthalate	10.5	U	0.253	10.5

S. Radio
MSU

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 SAS No.: _____ SDG No.: 210031801
 Matrix: Water
 Sample wt/vol: 950 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-5MS-30 ID: .25 (mm)
 Concentrated Extract Volume: 1000 (µL)
 Injection Volume: 1.0 (µL)
 GPC Cleanup: (Y/N) N pH: _____

Sample ID: SK-MSD-1033 (GW58)
 Contract: _____
 Lab File ID: 2100324/e4256
 Lab Sample ID: 21003180118
 Date Collected: 03/18/10 Time: 1130
 Date Received: 03/19/10
 Date Extracted: 03/23/10
 Date Analyzed: 03/24/10 Time: 1559
 Dilution Factor: 1 Analyst: RLY
 Prep Method: 3510C
 Analytical Method: SW-846 8270 C
 Instrument ID: MSSV5

CONCENTRATION UNITS: ug/L

Prep Batch: 428285 Analytical Batch: 428374

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
101-55-3	4-Bromophenyl-phenylether	10.5	U	0.294	10.5
85-68-7	Butylbenzylphthalate	10.5	U	0.361	10.5
86-74-8	Carbazole	10.5	U	0.220	10.5
218-01-9	Chrysene	10.5	U	0.278	10.5
84-74-2	Di-n-butylphthalate	10.5	U	0.152	10.5
117-84-0	Di-n-octylphthalate	10.5	U	0.274	10.5
53-70-3	Dibenz(a,h)anthracene	10.5	U	0.274	10.5
132-64-9	Dibenzofuran	10.5	U	0.132	10.5
84-66-2	Diethylphthalate	10.5	U	0.103	10.5
131-11-3	Dimethyl-phthalate	10.5	U	0.157	10.5
105-67-9	2,4-Dimethylphenol	10.5	U	0.206	10.5
206-44-0	Fluoranthene	10.5	U	0.182	10.5
86-73-7	Fluorene	10.5	U	0.141	10.5
118-74-1	Hexachlorobenzene	10.5	U	0.271	10.5
87-68-3	Hexachlorobutadiene	10.5	U	0.229	10.5
77-47-4	Hexachlorocyclopentadiene	10.5	U	0.138	10.5
67-72-1	Hexachloroethane	10.5	U	1.16	10.5
193-39-5	Indeno(1,2,3-cd)pyrene	10.5	U	0.281	10.5
78-59-1	Isophorone	10.5	U	0.124	10.5
91-20-3	Naphthalene	10.5	U	0.141	10.5
100-01-6	4-Nitroaniline	26.3	U	0.241	26.3
98-95-3	Nitrobenzene	10.5	U	0.232	10.5
100-02-7	4-Nitrophenol	37.3		0.735	26.3
87-86-5	Pentachlorophenol	88.0		1.60	26.3
85-01-8	Phenanthrene	10.5	U	0.158	10.5
108-95-2	Phenol	35.1		0.255	10.5
129-00-0	Pyrene	115		0.212	10.5
1319-77-3M	m,p-Cresol	10.5	U	0.349	10.5
621-64-7	N-Nitroso-di-n-propylamine	103		0.392	10.5

*sk/rl
msd*

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MSD-1033 (GW58)</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
SAS No.: _____ SDG No.: <u>210031801</u>	Lab File ID: <u>2100324/e4256</u>
Matrix: <u>Water</u>	Lab Sample ID: <u>21003180118</u>
Sample wt/vol: <u>950</u> Units: <u>mL</u>	Date Collected: <u>03/18/10</u> Time: <u>1130</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>03/19/10</u>
% Moisture: _____ decanted: (Y/N) _____	Date Extracted: <u>03/23/10</u>
GC Column: <u>RTX-5MS-30</u> ID: <u>.25</u> (mm)	Date Analyzed: <u>03/24/10</u> Time: <u>1559</u>
Concentrated Extract Volume: <u>1000</u> (µL)	Dilution Factor: <u>1</u> Analyst: <u>RLY</u>
Injection Volume: <u>1.0</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8270 C</u>
CONCENTRATION UNITS: <u>ug/L</u>	Instrument ID: <u>MSSV5</u>
	Prep Batch: <u>428285</u> Analytical Batch: <u>428374</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.5	U	0.179	10.5
95-48-7	o-Cresol	10.5	U	0.192	10.5

5/12/10
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170

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-SW52-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>960</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180101</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/16/10</u> Time: <u>1100</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/17/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1508</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8081B</u>
Prep Batch: <u>428122</u> Analytical Batch: <u>428418</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100322/sv15a010</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.00385	0.104
72-55-9	4,4'-DDE	0.104	U	0.00427	0.104
50-29-3	4,4'-DDT	0.104	U	0.00406	0.104
309-00-2	Aldrin	0.052	U	0.00229	0.052
60-57-1	Dieldrin	0.104	U	0.00385	0.104
959-98-8	Endosulfan I	0.052	U	0.00427	0.052
33213-65-9	Endosulfan II	0.104	U	0.00240	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.00573	0.104
72-20-8	Endrin	0.104	U	0.00354	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.00500	0.104
53494-70-5	Endrin ketone	0.104	U	0.00458	0.104
76-44-8	Heptachlor	0.052	U	0.00240	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00542	0.052
72-43-5	Methoxychlor	0.521	U	0.00906	0.521
8001-35-2	Toxaphene	5.21	U	0.573	5.21
319-84-6	alpha-BHC	0.052	U	0.00260	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00583	0.052
319-85-7	beta-BHC	0.052	U	0.00677	0.052
319-86-8	delta-BHC	0.052	U	0.00396	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00292	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00396	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-FD-1033 (SW52)

Lab Code: LA024 Case No.: _____

Contract: _____

Matrix: Water

SAS No.: _____ SDG No.: 210031801

Sample wt/vol: 950 Units: mL

Lab Sample ID: 21003180102

Level: (low/med) LOW

Date Collected: 03/16/10 Time: 0000

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/17/10

GC Column: RTX-35MS-3 ID: .25 (mm)

Date Extracted: 03/19/10

Concentrated Extract Volume: 10000 (µL)

Date Analyzed: 03/22/10 Time: 1526

Soil Aliquot Volume: _____ (µL)

Dilution Factor: 1 Analyst: TLS

Injection Volume: 1 (µL)

Prep Method: 3510C

GPC Cleanup: (Y/N) N pH: _____

Analytical Method: SW-846 8081B

Prep Batch: 428122 Analytical Batch: 428418

Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a011

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.105	U	0.00389	0.105
72-55-9	4,4'-DDE	0.105	U	0.00432	0.105
50-29-3	4,4'-DDT	0.105	U	0.00411	0.105
309-00-2	Aldrin	0.053	U	0.00232	0.053
60-57-1	Dieldrin	0.105	U	0.00389	0.105
959-98-8	Endosulfan I	0.053	U	0.00432	0.053
33213-65-9	Endosulfan II	0.105	U	0.00242	0.105
1031-07-8	Endosulfan sulfate	0.105	U	0.00579	0.105
72-20-8	Endrin	0.105	U	0.00358	0.105
7421-93-4	Endrin aldehyde	0.105	U	0.00505	0.105
53494-70-5	Endrin ketone	0.105	U	0.00463	0.105
76-44-8	Heptachlor	0.053	U	0.00242	0.053
1024-57-3	Heptachlor epoxide	0.053	U	0.00547	0.053
72-43-5	Methoxychlor	0.526	U	0.00916	0.526
8001-35-2	Toxaphene	5.26	U	0.579	5.26
319-84-6	alpha-BHC	0.053	U	0.00263	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.00589	0.053
319-85-7	beta-BHC	0.053	U	0.00884	0.053
319-86-8	delta-BHC	0.053	U	0.00400	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.00295	0.053
5103-74-2	gamma-Chlordane	0.053	U	0.00400	0.053

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-SW50-1033

Lab Code: LA024 Case No.: _____

Contract: _____

Matrix: Water

SAS No.: _____ SDG No.: 210031801

Sample wt/vol: 960 Units: mL

Lab Sample ID: 21003180103

Level: (low/med) LOW

Date Collected: 03/16/10 Time: 1140

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/17/10

GC Column: RTX-35MS-3 ID: .25 (mm)

Date Extracted: 03/19/10

Concentrated Extract Volume: 10000 (µL)

Date Analyzed: 03/22/10 Time: 1543

Soil Aliquot Volume: _____ (µL)

Dilution Factor: 1 Analyst: TLS

Injection Volume: 1 (µL)

Prep Method: 3510C

GPC Cleanup: (Y/N) N pH: _____

Analytical Method: SW-846 8081B

Prep Batch: 428122 Analytical Batch: 428418

Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a012

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.00385	0.104
72-55-9	4,4'-DDE	0.104	U	0.00427	0.104
50-29-3	4,4'-DDT	0.104	U	0.00406	0.104
309-00-2	Aldrin	0.052	U	0.00229	0.052
60-57-1	Dieldrin	0.104	U	0.00385	0.104
959-98-8	Endosulfan I	0.052	U	0.00427	0.052
33213-65-9	Endosulfan II	0.104	U	0.00240	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.00573	0.104
72-20-8	Endrin	0.104	U	0.00354	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.00500	0.104
53494-70-5	Endrin ketone	0.104	U	0.00458	0.104
76-44-8	Heptachlor	0.052	U	0.00240	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00542	0.052
72-43-5	Methoxychlor	0.521	U	0.00906	0.521
8001-35-2	Toxaphene	5.21	U	0.573	5.21
319-84-6	alpha-BHC	0.00620	J	0.00260	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00583	0.052
319-85-7	beta-BHC	0.052	U	0.00677	0.052
319-86-8	delta-BHC	0.052	U	0.00396	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00292	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00396	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180104
 Level: (low/med) LOW Date Collected: 03/16/10 Time: 1140
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/17/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1601
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 Lab File ID: 2100322/sv15a013

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.574		0.00374	0.101
72-55-9	4,4'-DDE	0.498		0.00414	0.101
50-29-3	4,4'-DDT	0.491		0.00394	0.101
309-00-2	Aldrin	0.583		0.00222	0.051
60-57-1	Dieldrin	0.577		0.00374	0.101
959-98-8	Endosulfan I	0.490		0.00414	0.051
33213-65-9	Endosulfan II	0.551		0.00232	0.101
1031-07-8	Endosulfan sulfate	0.538		0.00556	0.101
72-20-8	Endrin	0.581		0.00343	0.101
7421-93-4	Endrin aldehyde	0.586		0.00485	0.101
53494-70-5	Endrin ketone	0.485		0.00444	0.101
76-44-8	Heptachlor	0.560		0.00232	0.051
1024-57-3	Heptachlor epoxide	0.562		0.00525	0.051
72-43-5	Methoxychlor	0.601		0.00879	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.509		0.00253	0.051
5103-71-9	alpha-Chlordane	0.567		0.00566	0.051
319-85-7	beta-BHC	0.535		0.00657	0.051
319-86-8	delta-BHC	0.522		0.00384	0.051
58-89-9	gamma-BHC (Lindane)	0.527		0.00283	0.051
5103-74-2	gamma-Chlordane	0.511		0.00384	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 930 Units: mL Lab Sample ID: 21003180105
 Level: (low/med) LOW Date Collected: 03/16/10 Time: 1140
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/17/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1619
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a014

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.656		0.00398	0.108
72-55-9	4,4'-DDE	0.546		0.00441	0.108
50-29-3	4,4'-DDT	0.534		0.00419	0.108
309-00-2	Aldrin	0.622		0.00237	0.054
60-57-1	Dieldrin	0.601		0.00398	0.108
959-98-8	Endosulfan I	0.529		0.00441	0.054
33213-65-9	Endosulfan II	0.631		0.00247	0.108
1031-07-8	Endosulfan sulfate	0.582		0.00591	0.108
72-20-8	Endrin	0.852		0.00366	0.108
7421-93-4	Endrin aldehyde	0.626		0.00516	0.108
53494-70-5	Endrin ketone	0.523		0.00473	0.108
76-44-8	Heptachlor	0.603		0.00247	0.054
1024-57-3	Heptachlor epoxide	0.614		0.00559	0.054
72-43-5	Methoxychlor	0.702		0.00935	0.538
8001-35-2	Toxaphene	5.38	U	0.591	5.38
319-84-6	alpha-BHC	0.549		0.00269	0.054
5103-71-9	alpha-Chlordane	0.611		0.00602	0.054
319-85-7	beta-BHC	0.565		0.00699	0.054
319-86-8	delta-BHC	0.559		0.00409	0.054
58-89-9	gamma-BHC (Lindane)	0.562		0.00301	0.054
5103-74-2	gamma-Chlordane	0.543		0.00409	0.054

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
 Lab Code: LA024 Case No.: _____
 Matrix: Water
 Sample wt/vol: 930 Units: mL
 Level: (low/med) LOW
 % Moisture: _____ decanted: (Y/N) _____
 GC Column: RTX-35MS-3 ID: .25 (mm)
 Concentrated Extract Volume: 10000 (µL)
 Soil Aliquot Volume: _____ (µL)
 Injection Volume: 1 (µL)
 GPC Cleanup: (Y/N) N pH: _____
 Prep Batch: 428122 Analytical Batch: 428418

Sample ID: SK-GW07R-1033
 Contract: _____
 SAS No.: _____ SDG No.: 210031801
 Lab Sample ID: 21003180108
 Date Collected: 03/17/10 Time: 1120
 Date Received: 03/18/10
 Date Extracted: 03/19/10
 Date Analyzed: 03/22/10 Time: 1843
 Dilution Factor: 1 Analyst: TLS
 Prep Method: 3510C
 Analytical Method: SW-846 8081B
 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 Lab File ID: 2100322/sv15a022

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.108	U	0.00398	0.108
72-55-9	4,4'-DDE	0.108	U	0.00441	0.108
50-29-3	4,4'-DDT	0.108	U	0.00419	0.108
309-00-2	Aldrin	0.054	U	0.00237	0.054
60-57-1	Dieldrin	0.108	U	0.00398	0.108
959-98-8	Endosulfan I	0.054	U	0.00441	0.054
33213-65-9	Endosulfan II	0.108	U	0.00247	0.108
1031-07-8	Endosulfan sulfate	0.108	U	0.00591	0.108
72-20-8	Endrin	0.108	U	0.00366	0.108
7421-93-4	Endrin aldehyde	0.108	U	0.00516	0.108
53494-70-5	Endrin ketone	0.108	U	0.00473	0.108
76-44-8	Heptachlor	0.054	U	0.00247	0.054
1024-57-3	Heptachlor epoxide	0.054	U	0.00559	0.054
72-43-5	Methoxychlor	0.538	U	0.00935	0.538
8001-35-2	Toxaphene	5.38	U	0.591	5.38
319-84-6	alpha-BHC	0.054	U	0.00269	0.054
5103-71-9	alpha-Chlordane	0.054	U	0.00602	0.054
319-85-7	beta-BHC	0.054	U	0.00699	0.054
319-86-8	delta-BHC	0.054	U	0.00409	0.054
58-89-9	gamma-BHC (Lindane)	0.054	U	0.00301	0.054
5103-74-2	gamma-Chlordane	0.054	U	0.00409	0.054

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180109
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 1155
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1900
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 Lab File ID: 2100322/sv15a023

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00374	0.101
72-55-9	4,4'-DDE	0.101	U	0.00414	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00222	0.051
60-57-1	Dieldrin	0.101	U	0.00374	0.101
959-98-8	Endosulfan I	0.051	U	0.00414	0.051
33213-65-9	Endosulfan II	0.101	U	0.00232	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00556	0.101
72-20-8	Endrin	0.101	U	0.00343	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00485	0.101
53494-70-5	Endrin ketone	0.101	U	0.00444	0.101
76-44-8	Heptachlor	0.051	U	0.00232	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00525	0.051
72-43-5	Methoxychlor	0.505	U	0.00879	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00253	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00566	0.051
319-85-7	beta-BHC	0.051	U	0.00857	0.051
319-86-8	delta-BHC	0.051	U	0.00384	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00283	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00384	0.051

10
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180110
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 0940
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1918
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 Lab File ID: 2100322/sv15a024

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00374	0.101
72-55-9	4,4'-DDE	0.101	U	0.00414	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00222	0.051
60-57-1	Dieldrin	0.101	U	0.00374	0.101
959-98-8	Endosulfan I	0.051	U	0.00414	0.051
33213-65-9	Endosulfan II	0.101	U	0.00232	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00556	0.101
72-20-8	Endrin	0.101	U	0.00343	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00485	0.101
53494-70-5	Endrin ketone	0.101	U	0.00444	0.101
76-44-8	Heptachlor	0.051	U	0.00232	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00525	0.051
72-43-5	Methoxychlor	0.505	U	0.00879	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00253	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00566	0.051
319-85-7	beta-BHC	0.051	U	0.00657	0.051
319-86-8	delta-BHC	0.051	U	0.00384	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00283	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00384	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW85-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180111
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 1000
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1936
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 CONCENTRATION UNITS: ug/L Lab File ID: 2100322/sv15a025

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00374	0.101
72-55-9	4,4'-DDE	0.101	U	0.00414	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00222	0.051
60-57-1	Dieldrin	0.101	U	0.00374	0.101
959-98-8	Endosulfan I	0.051	U	0.00414	0.051
33213-65-9	Endosulfan II	0.101	U	0.00232	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00556	0.101
72-20-8	Endrin	0.101	U	0.00343	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00485	0.101
53494-70-5	Endrin ketone	0.101	U	0.00444	0.101
76-44-8	Heptachlor	0.051	U	0.00232	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00525	0.051
72-43-5	Methoxychlor	0.505	U	0.00879	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00253	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00566	0.051
319-85-7	beta-BHC	0.051	U	0.00657	0.051
319-86-8	delta-BHC	0.051	U	0.00384	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00283	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00384	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180112
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 0000
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1954
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428122 Analytical Batch: 428418 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 Lab File ID: 2100322/sv15a026

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.00374	0.101
72-55-9	4,4'-DDE	0.101	U	0.00414	0.101
50-29-3	4,4'-DDT	0.101	U	0.00394	0.101
309-00-2	Aldrin	0.051	U	0.00222	0.051
60-57-1	Dieldrin	0.101	U	0.00374	0.101
959-98-8	Endosulfan I	0.051	U	0.00414	0.051
33213-65-9	Endosulfan II	0.101	U	0.00232	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.00558	0.101
72-20-8	Endrin	0.101	U	0.00343	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.00485	0.101
53494-70-5	Endrin ketone	0.101	U	0.00444	0.101
76-44-8	Heptachlor	0.051	U	0.00232	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00525	0.051
72-43-5	Methoxychlor	0.505	U	0.00879	0.505
8001-35-2	Toxaphene	5.05	U	0.556	5.05
319-84-6	alpha-BHC	0.051	U	0.00253	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00566	0.051
319-85-7	beta-BHC	0.051	U	0.00657	0.051
319-86-8	delta-BHC	0.051	U	0.00384	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00283	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00384	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 970 Units: mL Lab Sample ID: 21003180114
 Level: (low/med) LOW Date Collected: 03/18/10 Time: 1130
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/19/10
 GC Column: RTX-XLB-30 ID: .25 (mm) Date Extracted: 03/24/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/26/10 Time: 1247
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428364 Analytical Batch: 428635 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B

CONCENTRATION UNITS: ug/L

Lab File ID: 2100326/sv15b010

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.00381	0.103
72-55-9	4,4'-DDE	0.103	U	0.00423	0.103
50-29-3	4,4'-DDT	0.103	U	0.00402	0.103
309-00-2	Aldrin	0.052	U	0.00227	0.052
60-57-1	Dieldrin	0.103	U	0.00381	0.103
959-98-8	Endosulfan I	0.052	U	0.00423	0.052
33213-65-9	Endosulfan II	0.103	U	0.00237	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.00567	0.103
72-20-8	Endrin	0.103	U	0.00351	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.00495	0.103
53494-70-5	Endrin ketone	0.103	U	0.00454	0.103
76-44-8	Heptachlor	0.052	U	0.00237	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.00536	0.052
72-43-5	Methoxychlor	0.515	U	0.00897	0.515
8001-35-2	Toxaphene	5.15	U	0.567	5.15
319-84-6	alpha-BHC	0.052	U	0.00258	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.00577	0.052
319-85-7	beta-BHC	0.052	U	0.00670	0.052
319-86-8	delta-BHC	0.052	U	0.00392	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.00289	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.00392	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-GW-59-1033

Lab Code: LA024 Case No.: _____

Contract: _____

Matrix: Water

SAS No.: _____ SDG No.: 210031801

Sample wt/vol: 980 Units: mL

Lab Sample ID: 21003180115

Level: (low/med) LOW

Date Collected: 03/18/10 Time: 0930

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/19/10

GC Column: RTX-XLB-30 ID: .25 (mm)

Date Extracted: 03/24/10

Concentrated Extract Volume: 10000 (µL)

Date Analyzed: 03/26/10 Time: 1305

Soil Aliquot Volume: _____ (µL)

Dilution Factor: 1 Analyst: TLS

Injection Volume: 1 (µL)

Prep Method: 3510C

GPC Cleanup: (Y/N) N pH: _____

Analytical Method: SW-846 8081B

Prep Batch: 428364 Analytical Batch: 428635

Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B

CONCENTRATION UNITS: ug/L

Lab File ID: 2100326/sv15b011

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00378	0.102
72-55-9	4,4'-DDE	0.102	U	0.00418	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00224	0.051
60-57-1	Dieldrin	0.102	U	0.00378	0.102
959-98-8	Endosulfan I	0.051	U	0.00418	0.051
33213-65-9	Endosulfan II	0.102	U	0.00235	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00561	0.102
72-20-8	Endrin	0.102	U	0.00347	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00490	0.102
53494-70-5	Endrin ketone	0.102	U	0.00449	0.102
76-44-8	Heptachlor	0.051	U	0.00235	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00531	0.051
72-43-5	Methoxychlor	0.510	U	0.00888	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00255	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00571	0.051
319-85-7	beta-BHC	0.051	U	0.00663	0.051
319-86-8	delta-BHC	0.051	U	0.00388	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00286	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00388	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Sample ID: SK-GW61-1033

Lab Code: LA024 Case No.: _____

Contract: _____

Matrix: Water

SAS No.: _____ SDG No.: 210031801

Sample wt/vol: 980 Units: mL

Lab Sample ID: 21003180116

Level: (low/med) LOW

Date Collected: 03/18/10 Time: 1000

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/19/10

GC Column: RTX-XLB-30 ID: .25 (mm)

Date Extracted: 03/24/10

Concentrated Extract Volume: 10000 (μ L)

Date Analyzed: 03/26/10 Time: 1323

Soil Aliquot Volume: _____ (μ L)

Dilution Factor: 1 Analyst: TLS

Injection Volume: 1 (μ L)

Prep Method: 3510C

GPC Cleanup: (Y/N) N pH: _____

Analytical Method: SW-846 8081B

Prep Batch: 428364 Analytical Batch: 428635

Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B

CONCENTRATION UNITS: ug/L

Lab File ID: 2100326/sv15b012

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.00378	0.102
72-55-9	4,4'-DDE	0.102	U	0.00418	0.102
50-29-3	4,4'-DDT	0.102	U	0.00398	0.102
309-00-2	Aldrin	0.051	U	0.00224	0.051
60-57-1	Dieldrin	0.102	U	0.00378	0.102
959-98-8	Endosulfan I	0.051	U	0.00418	0.051
33213-65-9	Endosulfan II	0.102	U	0.00235	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.00561	0.102
72-20-8	Endrin	0.102	U	0.00347	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.00490	0.102
53494-70-5	Endrin ketone	0.102	U	0.00449	0.102
76-44-8	Heptachlor	0.051	U	0.00235	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.00531	0.051
72-43-5	Methoxychlor	0.510	U	0.00888	0.510
8001-35-2	Toxaphene	5.10	U	0.561	5.10
319-84-6	alpha-BHC	0.051	U	0.00255	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.00571	0.051
319-85-7	beta-BHC	0.051	U	0.00663	0.051
319-86-8	delta-BHC	0.051	U	0.00388	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.00286	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.00388	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 900 Units: mL Lab Sample ID: 21003180117
 Level: (low/med) LOW Date Collected: 03/18/10 Time: 1130
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/19/10
 GC Column: RTX-XLB-30 ID: .25 (mm) Date Extracted: 03/24/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/26/10 Time: 1341
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8081B
 Prep Batch: 428364 Analytical Batch: 428635 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B

CONCENTRATION UNITS: ug/L

Lab File ID: 2100326/sv15b013

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.577		0.00411	0.111
72-55-9	4,4'-DDE	0.522		0.00456	0.111
50-29-3	4,4'-DDT	0.545		0.00433	0.111
309-00-2	Aldrin	0.551		0.00244	0.056
60-57-1	Dieldrin	0.573		0.00411	0.111
959-98-8	Endosulfan I	0.497		0.00456	0.056
33213-65-9	Endosulfan II	0.573		0.00256	0.111
1031-07-8	Endosulfan sulfate	0.637		0.00611	0.111
72-20-8	Endrin	0.609		0.00378	0.111
7421-93-4	Endrin aldehyde	0.609		0.00533	0.111
53494-70-5	Endrin ketone	0.613		0.00489	0.111
76-44-8	Heptachlor	0.558		0.00256	0.056
1024-57-3	Heptachlor epoxide	0.546		0.00578	0.056
72-43-5	Methoxychlor	0.702		0.00967	0.556
8001-35-2	Toxaphene	5.56	U	0.611	5.56
319-84-6	alpha-BHC	0.596		0.00278	0.056
5103-71-9	alpha-Chlordane	0.599		0.00622	0.056
319-85-7	beta-BHC	0.558		0.00722	0.056
319-86-8	delta-BHC	0.582		0.00422	0.056
58-89-9	gamma-BHC (Lindane)	0.563		0.00311	0.056
5103-74-2	gamma-Chlordane	0.537		0.00422	0.056

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 960 Units: mL Lab Sample ID: 21003180101
 Level: (low/med) LOW Date Collected: 03/16/10 Time: 1100
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/17/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1508
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428123 Analytical Batch: 428419 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a010

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.04	U	0.246	1.04
11104-28-2	Aroclor-1221	2.08	U	0.231	2.08
11141-16-5	Aroclor-1232	1.04	U	0.105	1.04
53469-21-9	Aroclor-1242	1.04	U	0.176	1.04
12672-29-6	Aroclor-1248	1.04	U	0.106	1.04
11097-69-1	Aroclor-1254	1.04	U	0.090	1.04
11096-82-5	Aroclor-1260	1.04	U	0.201	1.04

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-FD-1033 (SW52)</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>950</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180102</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/16/10</u> Time: <u>0000</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/17/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1526</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428123</u> Analytical Batch: <u>428419</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100322/sv15a011</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.05	U	0.248	1.05
11104-28-2	Aroclor-1221	2.11	U	0.234	2.11
11141-16-5	Aroclor-1232	1.05	U	0.106	1.05
53469-21-9	Aroclor-1242	1.05	U	0.178	1.05
12672-29-6	Aroclor-1248	1.05	U	0.107	1.05
11097-69-1	Aroclor-1254	1.05	U	0.091	1.05
11096-82-5	Aroclor-1260	1.05	U	0.203	1.05

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-SW50-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>960</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180103</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/16/10</u> Time: <u>1140</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/17/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1543</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428123</u> Analytical Batch: <u>428419</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a012

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.04	U	0.246	1.04
11104-28-2	Aroclor-1221	2.08	U	0.231	2.08
11141-16-5	Aroclor-1232	1.04	U	0.105	1.04
53469-21-9	Aroclor-1242	1.04	U	0.176	1.04
12672-29-6	Aroclor-1248	1.04	U	0.106	1.04
11097-69-1	Aroclor-1254	1.04	U	0.090	1.04
11096-82-5	Aroclor-1260	1.04	U	0.201	1.04

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MS-1033 (SW50)</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>990</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180104</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/16/10</u> Time: <u>1140</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/17/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1749</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428123</u> Analytical Batch: <u>428419</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100322/sv15a019</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	3.29		0.238	1.01
11104-28-2	Aroclor-1221	2.02	U	0.224	2.02
11141-16-5	Aroclor-1232	1.01	U	0.102	1.01
53469-21-9	Aroclor-1242	1.01	U	0.171	1.01
12672-29-6	Aroclor-1248	1.01	U	0.103	1.01
11097-69-1	Aroclor-1254	1.01	U	0.087	1.01
11096-82-5	Aroclor-1260	2.95		0.195	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 930 Units: mL Lab Sample ID: 21003180105
 Level: (low/med) LOW Date Collected: 03/16/10 Time: 1140
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/17/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1807
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428123 Analytical Batch: 428419 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a020

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	3.96		0.254	1.08
11104-28-2	Aroclor-1221	2.15	U	0.239	2.15
11141-16-5	Aroclor-1232	1.08	U	0.109	1.08
53469-21-9	Aroclor-1242	1.08	U	0.182	1.08
12672-29-6	Aroclor-1248	1.08	U	0.110	1.08
11097-69-1	Aroclor-1254	1.08	U	0.092	1.08
11096-82-5	Aroclor-1260	3.40		0.208	1.08

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW07R-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>930</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180108</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/17/10</u> Time: <u>1120</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/18/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1843</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428123</u> Analytical Batch: <u>428419</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100322/sv15a022</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.08	U	0.254	1.08
11104-28-2	Aroclor-1221	2.15	U	0.239	2.15
11141-16-5	Aroclor-1232	1.08	U	0.109	1.08
53469-21-9	Aroclor-1242	1.08	U	0.182	1.08
12672-29-6	Aroclor-1248	1.08	U	0.110	1.08
11097-69-1	Aroclor-1254	1.08	U	0.092	1.08
11096-82-5	Aroclor-1260	1.08	U	0.208	1.08

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180109
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 1155
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1900
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428123 Analytical Batch: 428419 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a023

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.238	1.01
11104-28-2	Aroclor-1221	2.02	U	0.224	2.02
11141-16-5	Aroclor-1232	1.01	U	0.102	1.01
53469-21-9	Aroclor-1242	1.01	U	0.171	1.01
12672-29-6	Aroclor-1248	1.01	U	0.103	1.01
11097-69-1	Aroclor-1254	1.01	U	0.087	1.01
11096-82-5	Aroclor-1260	1.01	U	0.195	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW63-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>990</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180110</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/17/10</u> Time: <u>0940</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/18/10</u>
GC Column: <u>RTX-35MS-3</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/19/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/22/10</u> Time: <u>1918</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428123</u> Analytical Batch: <u>428419</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15A</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100322/sv15a024</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.238	1.01
11104-28-2	Aroclor-1221	2.02	U	0.224	2.02
11141-16-5	Aroclor-1232	1.01	U	0.102	1.01
53469-21-9	Aroclor-1242	1.01	U	0.171	1.01
12672-29-6	Aroclor-1248	1.01	U	0.103	1.01
11097-69-1	Aroclor-1254	1.01	U	0.087	1.01
11096-82-5	Aroclor-1260	1.01	U	0.195	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180111
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 1000
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1936
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428123 Analytical Batch: 428419 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A

CONCENTRATION UNITS: ug/L

Lab File ID: 2100322/sv15a025

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.238	1.01
11104-28-2	Aroclor-1221	2.02	U	0.224	2.02
11141-16-5	Aroclor-1232	1.01	U	0.102	1.01
53469-21-9	Aroclor-1242	1.01	U	0.171	1.01
12672-29-6	Aroclor-1248	1.01	U	0.103	1.01
11097-69-1	Aroclor-1254	1.01	U	0.087	1.01
11096-82-5	Aroclor-1260	1.01	U	0.195	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 990 Units: mL Lab Sample ID: 21003180112
 Level: (low/med) LOW Date Collected: 03/17/10 Time: 0000
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/10
 GC Column: RTX-35MS-3 ID: .25 (mm) Date Extracted: 03/19/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/22/10 Time: 1954
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428123 Analytical Batch: 428419 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
 CONCENTRATION UNITS: ug/L Lab File ID: 2100322/sv15a026

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.01	U	0.238	1.01
11104-28-2	Aroclor-1221	2.02	U	0.224	2.02
11141-16-5	Aroclor-1232	1.01	U	0.102	1.01
53469-21-9	Aroclor-1242	1.01	U	0.171	1.01
12672-29-6	Aroclor-1248	1.01	U	0.103	1.01
11097-69-1	Aroclor-1254	1.01	U	0.087	1.01
11096-82-5	Aroclor-1260	1.01	U	0.195	1.01

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 970 Units: mL Lab Sample ID: 21003180114
 Level: (low/med) LOW Date Collected: 03/18/10 Time: 1130
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/19/10
 GC Column: RTX-XLB-30 ID: .25 (mm) Date Extracted: 03/24/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/26/10 Time: 1247
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428365 Analytical Batch: 428636 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B
 Lab File ID: 2100326/sv15b010

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.03	U	0.243	1.03
11104-28-2	Aroclor-1221	2.06	U	0.229	2.06
11141-16-5	Aroclor-1232	1.03	U	0.104	1.03
53469-21-9	Aroclor-1242	1.03	U	0.174	1.03
12672-29-6	Aroclor-1248	1.03	U	0.105	1.03
11097-69-1	Aroclor-1254	1.03	U	0.089	1.03
11096-82-5	Aroclor-1260	1.03	U	0.199	1.03

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 980 Units: mL Lab Sample ID: 21003180115
 Level: (low/med) LOW Date Collected: 03/18/10 Time: 0930
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/19/10
 GC Column: RTX-XLB-30 ID: .25 (mm) Date Extracted: 03/24/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/26/10 Time: 1305
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428365 Analytical Batch: 428636 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B
 Lab File ID: 2100326/sv15b011

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.241	1.02
11104-28-2	Aroclor-1221	2.04	U	0.227	2.04
11141-16-5	Aroclor-1232	1.02	U	0.103	1.02
53469-21-9	Aroclor-1242	1.02	U	0.172	1.02
12672-29-6	Aroclor-1248	1.02	U	0.104	1.02
11097-69-1	Aroclor-1254	1.02	U	0.088	1.02
11096-82-5	Aroclor-1260	1.02	U	0.197	1.02

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ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-GW61-1033</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>980</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180116</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/18/10</u> Time: <u>1000</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/19/10</u>
GC Column: <u>RTX-XLB-30</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/24/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/26/10</u> Time: <u>1323</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428365</u> Analytical Batch: <u>428636</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15B</u>

CONCENTRATION UNITS: ug/L

Lab File ID: 2100326/sv15b012

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.02	U	0.241	1.02
11104-28-2	Aroclor-1221	2.04	U	0.227	2.04
11141-16-5	Aroclor-1232	1.02	U	0.103	1.02
53469-21-9	Aroclor-1242	1.02	U	0.172	1.02
12672-29-6	Aroclor-1248	1.02	U	0.104	1.02
11097-69-1	Aroclor-1254	1.02	U	0.088	1.02
11096-82-5	Aroclor-1260	1.02	U	0.197	1.02

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>GCAL</u>	Sample ID: <u>SK-MS-1033 (GW58)</u>
Lab Code: <u>LA024</u> Case No.: _____	Contract: _____
Matrix: <u>Water</u>	SAS No.: _____ SDG No.: <u>210031801</u>
Sample wt/vol: <u>900</u> Units: <u>mL</u>	Lab Sample ID: <u>21003180117</u>
Level: (low/med) <u>LOW</u>	Date Collected: <u>03/18/10</u> Time: <u>1130</u>
% Moisture: _____ decanted: (Y/N) _____	Date Received: <u>03/19/10</u>
GC Column: <u>RTX-XLB-30</u> ID: <u>.25</u> (mm)	Date Extracted: <u>03/24/10</u>
Concentrated Extract Volume: <u>10000</u> (µL)	Date Analyzed: <u>03/26/10</u> Time: <u>1544</u>
Soil Aliquot Volume: _____ (µL)	Dilution Factor: <u>1</u> Analyst: <u>TLS</u>
Injection Volume: <u>1</u> (µL)	Prep Method: <u>3510C</u>
GPC Cleanup: (Y/N) <u>N</u> pH: _____	Analytical Method: <u>SW-846 8082</u>
Prep Batch: <u>428365</u> Analytical Batch: <u>428636</u>	Sulfur Cleanup: (Y/N) <u>N</u> Instrument ID: <u>GCS15B</u>
CONCENTRATION UNITS: <u>ug/L</u>	Lab File ID: <u>2100326/sv15b019</u>

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	4.73		0.262	1.11
11104-28-2	Aroclor-1221	2.22	U	0.247	2.22
11141-18-5	Aroclor-1232	1.11	U	0.112	1.11
53469-21-9	Aroclor-1242	1.11	U	0.188	1.11
12672-29-6	Aroclor-1248	1.11	U	0.113	1.11
11097-69-1	Aroclor-1254	1.11	U	0.096	1.11
11096-82-5	Aroclor-1260	4.47		0.214	1.11

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ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MSD-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: Water SAS No.: _____ SDG No.: 210031801
 Sample wt/vol: 970 Units: mL Lab Sample ID: 21003180118
 Level: (low/med) LOW Date Collected: 03/18/10 Time: 1130
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 03/19/10
 GC Column: RTX-XLB-30 ID: .25 (mm) Date Extracted: 03/24/10
 Concentrated Extract Volume: 10000 (µL) Date Analyzed: 03/26/10 Time: 1602
 Soil Aliquot Volume: _____ (µL) Dilution Factor: 1 Analyst: TLS
 Injection Volume: 1 (µL) Prep Method: 3510C
 GPC Cleanup: (Y/N) N pH: _____ Analytical Method: SW-846 8082
 Prep Batch: 428365 Analytical Batch: 428636 Sulfur Cleanup: (Y/N) N Instrument ID: GCS15B
 Lab File ID: 2100326/sv15b020

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	4.42		0.243	1.03
11104-28-2	Aroclor-1221	2.06	U	0.229	2.06
11141-16-5	Aroclor-1232	1.03	U	0.104	1.03
53469-21-9	Aroclor-1242	1.03	U	0.174	1.03
12672-29-6	Aroclor-1248	1.03	U	0.105	1.03
11097-69-1	Aroclor-1254	1.03	U	0.089	1.03
11096-82-5	Aroclor-1260	4.28		0.199	1.03

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Lab Name: GCAL Contract: _____
 Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
 SOW No.: _____

<i>EPA Sample No.</i>	<i>Lab Sample ID.</i>
SK-SW52-1033	21003180101
SK-FD-1033 (SW52)	21003180102
SK-SW50-1033	21003180103
SK-MS-1033 (SW50)	21003180104
SK-DUP-1033 (SW50)	21003180106
SK-GW07R-1033	21003180108
SK-GW26-1033	21003180109
SK-GW63-1033	21003180110
SK-GW65-1033	21003180111
SK-FD-1033 (GW07R)	21003180112
SK-GW58-1033	21003180114
SK-GW-59-1033	21003180115
SK-GW61-1033	21003180116
SK-MS-1033 (GW58)	21003180117
SK-DUP-1033 (GW58)	21003180119
SK-SW52-1033	21003180101
SK-FD-1033 (SW52)	21003180102
SK-SW50-1033	21003180103
SK-MS-1033 (SW50)	21003180104
SK-DUP-1033 (SW50)	21003180106
SK-GW07R-1033	21003180108
SK-GW26-1033	21003180109
SK-GW63-1033	21003180110
SK-GW65-1033	21003180111
SK-FD-1033 (GW07R)	21003180112

Were ICP interelement corrections applied ? Yes / No YES
 Were ICP background corrections applied ? Yes / No YES
 If yes-were raw data generated before application of background corrections ? Yes / No NO

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract: _____
Lab Code: LA024 Case No.: _____ SAS No.: _____ SDG No.: 210031801
SOW No.: _____

<i>EPA Sample No.</i>	<i>Lab Sample ID.</i>
SK-GW58-1033	21003180114
SK-GW59-1033	21003180115
SK-GW61-1033	21003180116
SK-MS-1033 (GW58)	21003180117
SK-DUP-1033 (GW58)	21003180119

Were ICP interelement corrections applied ? Yes / No YES
Were ICP background corrections applied ? Yes / No YES
If yes-were raw data generated before application of background corrections ? Yes / No NO

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180101
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1100

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.11	mg/L	B	0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.043	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	93.8	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.0078	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.093	mg/L	B	0.0095	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B	P
Magnesium	25.9	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.0079	mg/L	B	0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	1.78	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	56.6	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.0092	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW52-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180101
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1100

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.031	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P J
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0045	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.047	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	101	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0080	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0016	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P J
Magnesium (Dissolved)	27.8	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0093	mg/L	B	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.88	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P J
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	61.5	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.012	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (SW52)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180102
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 0000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.10	mg/L	B	0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0034	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.044	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	96.4	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.0076	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.079	mg/L	B	0.0095	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B	P
Magnesium	26.6	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.013	mg/L	B	0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	1.87	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	58.1	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.010	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (SW52)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180102
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 0000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.020	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0054	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.045	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	94.5	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0073	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0032	mg/L		0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	25.9	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0068	mg/L	B	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.77	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	57.9	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.011	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180103
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	0.23	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0033	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.043	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	92.0	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.00052	mg/L	B	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.0062	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.40	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B	P
Magnesium	24.9	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.018	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	2.80	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	52.3	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.0086	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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MT

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW50-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180103
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	0.20	mg/L	U	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.042	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	92.7	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.00049	mg/L	B	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0054	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	25.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0029	mg/L	B	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	2.58	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	52.8	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0074	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180104
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	5.34	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.49	mg/L		0.0035	0.060	SW-846 6010B	P
Arsenic	0.50	mg/L		0.0030	0.010	SW-846 6010B	P
Barium	0.53	mg/L		0.00031	0.20	SW-846 6010B	P
Beryllium	0.49	mg/L		0.000068	0.0050	SW-846 6010B	P
Cadmium	0.47	mg/L		0.00016	0.0050	SW-846 6010B	P
Calcium	98.0	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.48	mg/L		0.00032	0.010	SW-846 6010B	P
Cobalt	0.47	mg/L		0.00051	0.050	SW-846 6010B	P
Copper	0.49	mg/L		0.0011	0.025	SW-846 6010B	P
Iron	5.39	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.48	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	30.8	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.51	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00530	mg/L		0.000055	0.00020	SW-846 7470A	AV
Nickel	0.47	mg/L		0.0012	0.040	SW-846 6010B	P
Potassium	11.9	mg/L		0.068	5.00	SW-846 6010B	P
Selenium	0.48	mg/L		0.0037	0.0050	SW-846 6010B	P
Silver	0.51	mg/L		0.00058	0.010	SW-846 6010B	P
Sodium	75.5	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.48	mg/L		0.0015	0.010	SW-846 6010B	P
Vanadium	0.49	mg/L		0.0011	0.050	SW-846 6010B	P
Zinc	0.47	mg/L		0.0040	0.020	SW-846 6010B	P

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MVA

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180104
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	4.97	mg/L		0.018	0.20	SW-846 6010B Dissolved	P	J
Antimony (Dissolved)	0.50	mg/L		0.0035	0.060	SW-846 6010B Dissolved	P	
Arsenic (Dissolved)	0.51	mg/L		0.0030	0.010	SW-846 6010B Dissolved	P	
Barium (Dissolved)	0.54	mg/L		0.00031	0.20	SW-846 6010B Dissolved	P	
Beryllium (Dissolved)	0.50	mg/L		0.000068	0.0050	SW-846 6010B Dissolved	P	
Cadmium (Dissolved)	0.48	mg/L		0.00016	0.0050	SW-846 6010B Dissolved	P	
Calcium (Dissolved)	99.5	mg/L		0.028	5.00	SW-846 6010B Dissolved	P	
Chromium (Dissolved)	0.48	mg/L		0.00032	0.010	SW-846 6010B Dissolved	P	
Cobalt (Dissolved)	0.49	mg/L		0.00051	0.050	SW-846 6010B Dissolved	P	
Copper (Dissolved)	0.49	mg/L		0.0011	0.025	SW-846 6010B Dissolved	P	
Iron (Dissolved)	4.95	mg/L		0.0095	0.10	SW-846 6010B Dissolved	P	
Lead (Dissolved)	0.49	mg/L		0.0015	0.0030	SW-846 6010B Dissolved	P	J
Magnesium (Dissolved)	31.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P	
Manganese (Dissolved)	0.50	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P	
Mercury (Dissolved)	0.00532	mg/L		0.000055	0.00020	SW-846 7470A Dissolved	AV	
Nickel (Dissolved)	0.48	mg/L		0.0012	0.040	SW-846 6010B Dissolved	P	
Potassium (Dissolved)	11.8	mg/L		0.068	5.00	SW-846 6010B Dissolved	P	J
Selenium (Dissolved)	0.49	mg/L		0.0037	0.0050	SW-846 6010B Dissolved	P	J
Silver (Dissolved)	0.51	mg/L		0.00058	0.010	SW-846 6010B Dissolved	P	
Sodium (Dissolved)	76.7	mg/L		0.059	5.00	SW-846 6010B Dissolved	P	
Thallium (Dissolved)	0.48	mg/L		0.0015	0.010	SW-846 6010B Dissolved	P	J
Vanadium (Dissolved)	0.50	mg/L		0.0011	0.050	SW-846 6010B Dissolved	P	
Zinc (Dissolved)	0.48	mg/L		0.0040	0.020	SW-846 6010B Dissolved	P	

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180106
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	0.21	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0048	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.046	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	99.2	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.0083	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.34	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0017	mg/L	B	0.0015	0.0030	SW-846 6010B	P
Magnesium	26.8	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.019	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	1.99	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	58.4	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.012	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1033 (SW50)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180106
 Date Received: 03/17/10 Time: 1000 Date Collected: 03/16/10 Time: 1140

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum (Dissolved)	0.20	mg/L	U	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0040	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.044	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	97.7	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0074	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0022	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	26.4	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0037	mg/L	B	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.90	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	57.7	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0099	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180108
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1120

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	4.84	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0039	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.15	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.00013	mg/L	B	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	189	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.0027	mg/L	B	0.00051	0.050	SW-846 6010B	P
Copper	0.022	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	8.30	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.010	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	38.2	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.20	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0075	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	2.24	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	10.4	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.018	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.028	mg/L		0.0040	0.020	SW-846 6010B	P

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MSL

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW07R-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180108
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1120

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	0.069	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0042	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.041	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	178	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.00055	mg/L	B	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0075	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0028	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	31.7	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.10	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0012	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.00	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	10.9	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.012	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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MN

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180109
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1155

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.39	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.30	mg/L		0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	77.8	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.017	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.27	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0041	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	40.6	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.055	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0017	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	17.4	mg/L		0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	154	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.012	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW26-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180109
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1155

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	0.47	mg/L		0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.30	mg/L		0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	72.0	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.00092	mg/L	B	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0086	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L		0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	38.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.052	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	16.3	mg/L		0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	144	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.013	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180110
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 0940

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.028	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	250	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.011	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.10	mg/L	U	0.0095	0.10	SW-846 6010B	P
Lead	0.0016	mg/L	B	0.0015	0.0030	SW-846 6010B	P
Magnesium	61.6	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.013	mg/L	B	0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	4.17	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	27.5	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.011	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW63-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180110
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 0940

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	0.019	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0060	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.029	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	284	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.012	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0015	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	71.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.017	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00007	mg/L	B	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.040	mg/L	U	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	4.44	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	31.7	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.016	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180111
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.25	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.020	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	168	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.014	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.59	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0032	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	72.6	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.020	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	2.82	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	25.1	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.013	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW65-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180111
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 1000

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	0.11	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.017	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	160	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.013	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.11	mg/L		0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0023	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	73.4	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.0048	mg/L	B	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0015	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	2.76	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	24.3	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.014	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180112
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 0000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.51	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0031	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.058	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	184	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.010	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.93	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0069	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	33.7	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.062	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0016	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	1.14	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	10.5	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.010	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.012	mg/L	B	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-FD-1033 (GW07R)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180112
 Date Received: 03/18/10 Time: 1010 Date Collected: 03/17/10 Time: 0000

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	0.20	mg/L	U	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.042	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	183	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0074	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0025	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	32.8	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.085	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0019	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	1.04	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	11.1	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.012	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180114
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1.09	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.13	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	112	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.0013	mg/L	B	0.00051	0.050	SW-846 6010B	P
Copper	0.0022	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	2.78	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0026	mg/L	B	0.0015	0.0030	SW-846 6010B	P
Magnesium	32.4	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.086	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0041	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	3.74	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	26.6	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.0027	mg/L	B	0.0015	0.010	SW-846 6010B	P
Vanadium	0.011	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.0082	mg/L	B	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW58-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180114
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	0.059	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0036	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.11	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.00075	mg/L	B	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	98.6	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.00093	mg/L	B	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.070	mg/L	B	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	30.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.062	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00008	mg/L	B	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0031	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	3.74	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.0015	mg/L	B	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	28.2	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.0057	mg/L	B	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.011	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180115
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 0930

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	0.082	mg/L	B	0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.028	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	158	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.050	mg/L	U	0.00051	0.050	SW-846 6010B	P
Copper	0.0073	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.030	mg/L	B	0.0095	0.10	SW-846 6010B	P
Lead	0.0021	mg/L	B	0.0015	0.0030	SW-846 6010B	P
Magnesium	25.1	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.0060	mg/L	B	0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.040	mg/L	U	0.0012	0.040	SW-846 6010B	P
Potassium	9.92	mg/L		0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	41.8	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.0080	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW-59-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180115
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 0930

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	0.050	mg/L	B	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.0051	mg/L	B	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.028	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	159	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.0070	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0029	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	26.2	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.015	mg/L	U	0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00012	mg/L	B	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0012	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	11.1	mg/L		0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	46.6	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.011	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180116
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1000

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.047	mg/L	B	0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.0043	mg/L	B	0.0030	0.010	SW-846 6010B	P
Barium	0.016	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	396	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.00087	mg/L	B	0.00051	0.050	SW-846 6010B	P
Copper	0.013	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	0.22	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0024	mg/L	B	0.0015	0.0030	SW-846 6010B	P
Magnesium	89.8	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.078	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0042	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	11.6	mg/L		0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	51.7	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.013	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-GW61-1033
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180116
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1000

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	0.20	mg/L	U	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.018	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.00068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	421	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.00070	mg/L	B	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.014	mg/L	B	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.10	mg/L	U	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0027	mg/L	B	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	99.1	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.086	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0050	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	12.8	mg/L		0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.010	mg/L	U	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	71.0	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.016	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180117
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	6.66	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.50	mg/L		0.0035	0.060	SW-846 6010B	P
Arsenic	0.54	mg/L		0.0030	0.010	SW-846 6010B	P
Barium	0.61	mg/L		0.00031	0.20	SW-846 6010B	P
Beryllium	0.50	mg/L		0.000068	0.0050	SW-846 6010B	P
Cadmium	0.49	mg/L		0.00016	0.0050	SW-846 6010B	P
Calcium	113	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.49	mg/L		0.00032	0.010	SW-846 6010B	P
Cobalt	0.47	mg/L		0.00051	0.050	SW-846 6010B	P
Copper	0.47	mg/L		0.0011	0.025	SW-846 6010B	P
Iron	8.06	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.49	mg/L		0.0015	0.0030	SW-846 6010B	P
Magnesium	36.3	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.58	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00547	mg/L		0.000055	0.00020	SW-846 7470A	AV
Nickel	0.47	mg/L		0.0012	0.040	SW-846 6010B	P
Potassium	14.0	mg/L		0.068	5.00	SW-846 6010B	P
Selenium	0.50	mg/L		0.0037	0.0050	SW-846 6010B	P
Silver	0.49	mg/L		0.00058	0.010	SW-846 6010B	P
Sodium	45.0	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.50	mg/L		0.0015	0.010	SW-846 6010B	P
Vanadium	0.52	mg/L		0.0011	0.050	SW-846 6010B	P
Zinc	0.50	mg/L		0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-MS-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180117
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum (Dissolved)	5.11	mg/L		0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.51	mg/L		0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.53	mg/L		0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.59	mg/L		0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.51	mg/L		0.00068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.48	mg/L		0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	106	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.48	mg/L		0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.47	mg/L		0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.47	mg/L		0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	5.13	mg/L		0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.49	mg/L		0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	36.0	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.55	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00514	mg/L		0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.48	mg/L		0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	14.1	mg/L		0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.52	mg/L		0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.49	mg/L		0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	49.2	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.48	mg/L		0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.50	mg/L		0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.49	mg/L		0.0040	0.020	SW-846 6010B Dissolved	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180119
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte **Concentration** **Units** **C** **MDL** **PQL** **Method** **Type**

Aluminum	1.01	mg/L		0.018	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0035	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.12	mg/L	B	0.00031	0.20	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B	P
Calcium	107	mg/L		0.028	5.00	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00032	0.010	SW-846 6010B	P
Cobalt	0.0014	mg/L	B	0.00051	0.050	SW-846 6010B	P
Copper	0.0015	mg/L	B	0.0011	0.025	SW-846 6010B	P
Iron	2.73	mg/L		0.0095	0.10	SW-846 6010B	P
Lead	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B	P
Magnesium	30.9	mg/L		0.023	5.00	SW-846 6010B	P
Manganese	0.084	mg/L		0.00057	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A	AV
Nickel	0.0042	mg/L	B	0.0012	0.040	SW-846 6010B	P
Potassium	3.52	mg/L	B	0.068	5.00	SW-846 6010B	P
Selenium	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00058	0.010	SW-846 6010B	P
Sodium	25.3	mg/L		0.059	5.00	SW-846 6010B	P
Thallium	0.010	mg/L	U	0.0015	0.010	SW-846 6010B	P
Vanadium	0.010	mg/L	B	0.0011	0.050	SW-846 6010B	P
Zinc	0.0069	mg/L	B	0.0040	0.020	SW-846 6010B	P

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-DUP-1033 (GW58)
 Lab Code: LA024 Case No.: _____ Contract: _____
 Matrix: (soil / water) Water SAS No.: _____ SDG No.: 210031801
 Level: (low / med) _____ % Solids: _____ Lab Sample ID: 21003180119
 Date Received: 03/19/10 Time: 0955 Date Collected: 03/18/10 Time: 1130

Analyte Concentration Units C MDL PQL Method Type

Aluminum (Dissolved)	0.20	mg/L	U	0.018	0.20	SW-846 6010B Dissolved	P
Antimony (Dissolved)	0.060	mg/L	U	0.0035	0.060	SW-846 6010B Dissolved	P
Arsenic (Dissolved)	0.010	mg/L	U	0.0030	0.010	SW-846 6010B Dissolved	P
Barium (Dissolved)	0.11	mg/L	B	0.00031	0.20	SW-846 6010B Dissolved	P
Beryllium (Dissolved)	0.0050	mg/L	U	0.000068	0.0050	SW-846 6010B Dissolved	P
Cadmium (Dissolved)	0.0050	mg/L	U	0.00016	0.0050	SW-846 6010B Dissolved	P
Calcium (Dissolved)	103	mg/L		0.028	5.00	SW-846 6010B Dissolved	P
Chromium (Dissolved)	0.010	mg/L	U	0.00032	0.010	SW-846 6010B Dissolved	P
Cobalt (Dissolved)	0.050	mg/L	U	0.00051	0.050	SW-846 6010B Dissolved	P
Copper (Dissolved)	0.025	mg/L	U	0.0011	0.025	SW-846 6010B Dissolved	P
Iron (Dissolved)	0.040	mg/L	B	0.0095	0.10	SW-846 6010B Dissolved	P
Lead (Dissolved)	0.0030	mg/L	U	0.0015	0.0030	SW-846 6010B Dissolved	P
Magnesium (Dissolved)	31.4	mg/L		0.023	5.00	SW-846 6010B Dissolved	P
Manganese (Dissolved)	0.064	mg/L		0.00057	0.015	SW-846 6010B Dissolved	P
Mercury (Dissolved)	0.00020	mg/L	U	0.000055	0.00020	SW-846 7470A Dissolved	AV
Nickel (Dissolved)	0.0024	mg/L	B	0.0012	0.040	SW-846 6010B Dissolved	P
Potassium (Dissolved)	3.82	mg/L	B	0.068	5.00	SW-846 6010B Dissolved	P
Selenium (Dissolved)	0.0050	mg/L	U	0.0037	0.0050	SW-846 6010B Dissolved	P
Silver (Dissolved)	0.00065	mg/L	B	0.00058	0.010	SW-846 6010B Dissolved	P
Sodium (Dissolved)	29.5	mg/L		0.059	5.00	SW-846 6010B Dissolved	P
Thallium (Dissolved)	0.010	mg/L	U	0.0015	0.010	SW-846 6010B Dissolved	P
Vanadium (Dissolved)	0.0095	mg/L	B	0.0011	0.050	SW-846 6010B Dissolved	P
Zinc (Dissolved)	0.020	mg/L	U	0.0040	0.020	SW-846 6010B Dissolved	P

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GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180101	SK-SW52-1033	Water	03/16/2010 11:00	03/17/2010 10:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 09:00	428131	SW-846 9012A	1	03/23/2010 16:29	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180102	SK-FD-1033 (SW52)	Water	03/16/2010 00:00	03/17/2010 10:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 09:00	428131	SW-846 9012A	1	03/23/2010 16:30	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0018B	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180103	SK-SW50-1033	Water	03/16/2010 11:40	03/17/2010 10:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 09:00	428131	SW-846 9012A	1	03/23/2010 16:31	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0049B	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180104	SK-MS-1033 (SW50)	Water	03/16/2010 11:40	03/17/2010 10:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 09:00	428131	SW-846 9012A	1	03/23/2010 16:34	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0600	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180106	SK-DUP-1033 (SW50)	Water	03/16/2010 11:40	03/17/2010 10:00

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 09:00	428131	SW-846 9012A	1	03/23/2010 16:35	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.00408	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180108	SK-GW07R-1033	Water	03/17/2010 11:20	03/18/2010 10:10

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 12:00	428131	SW-846 9012A	1	03/23/2010 16:36	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180109	SK-GW26-1033	Water	03/17/2010 11:55	03/18/2010 10:10

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 12:00	428131	SW-846 9012A	1	03/23/2010 16:37	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0074	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180110	SK-GW63-1033	Water	03/17/2010 09:40	03/18/2010 10:10

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 12:00	428131	SW-846 9012A	1	03/23/2010 16:38	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0076	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180111	SK-GW65-1033	Water	03/17/2010 10:00	03/18/2010 10:10

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 12:00	428131	SW-846 9012A	1	03/23/2010 16:39	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0168	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180112	SK-FD-1033 (GW07R)	Water	03/17/2010 00:00	03/18/2010 10:10

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/18/2010 12:00	428131	SW-846 9012A	1	03/23/2010 16:40	AEL	428350

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0107	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180114	SK-GW58-1033	Water	03/18/2010 11:30	03/19/2010 09:55

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/25/2010 12:30	428429	SW-846 9012A	1	03/30/2010 14:59	AEL	428717

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180116	SK-GW61-1033	Water	03/18/2010 10:00	03/19/2010 09:55

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/25/2010 12:30	428429	SW-846 9012A	1	03/30/2010 15:01	AEL	428717

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0017	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003180119	SK-DUP-1033 (GW58)	Water	03/18/2010 11:30	03/19/2010 09:55

SW-846 9012A Cyanide

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/25/2010 12:30	428429	SW-846 9012A	1	03/30/2010 15:03	AEL	428717

CAS#	Parameter	Result	RDL	MDL	Units
57-12-5	Total Cyanide	0.0050U	0.0050	0.0017	mg/L

CHAIN OF CUSTODY RECORD

Lab use only

Client Name: Earth Tech Client #: 4342 Workorder #: 210031801 Due Date: _____

Report to: Client: <u>AECOM</u> Address: <u>4219 Malsbary Rd</u> <u>Cincinnati OH 45242</u> Contact: <u>Alex Masinni</u> Phone: <u>513-878-6840</u> Fax: <u>513-878-6848</u>		Bill to: Client: <u>GLEN SPRINGS CONTRACT</u> Address: _____ Contact: _____ Phone: _____ Fax: _____		Analytical Requests & Method Total Metals Dissolved Metals SWC VOC Chloride Pesticide PCB					Lab use only: Custody Seal used <input type="checkbox"/> yes <input type="checkbox"/> no in tact <input type="checkbox"/> yes <input type="checkbox"/> no Temperature °C <u>42.33</u> <u>48</u>							
P.O. Number		Project Name/Number: <u>SKINNE-landfill 1A @ 2010</u>						Lab ID								
Sampled By: <u>Danielle Smith / Ted Rockers</u>								Remarks:								
Matrix ¹	Date	Time (2400)	PCP	Grab	Sample Description	Preservatives	No Containers	Lab ID								
W	3/16/10	1100	X		SK-SW52-1033	Various	10	X	X	X	X	X	X	X	X	1
W		NA	X		SK-FD-1033 (SW52)		10									2
W		1140	X		SK-SL050-1033											3
W		1140	X		SK-MS-1033 (SW50)											4
W		1140	X		SK-MSD-1033 (SW50)											5
W		NA	X		SK-TB-1033	HCL	3									6 7

Turn Around Time: 24-48 hrs. 3 days 1 week Standard Other _____

Relinquished by: (Signature) <u>Danielle Smith</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>3/16/10</u>	Time: <u>1530</u>	Note: <u>Dissolved Metals field filtered</u> <u>STRIP Blank provided by lab</u> <u>EPA SW 846 methods, Level III data package</u> By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>3-17-10</u>	Time: <u>1000</u>	
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: _____	Time: _____	

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

Lab use only

Client Name: Earth Tech Client #: 4242 Workorder #: 210031801 Due Date: 3-29-10

Report to: Client: <u>AECOM</u> Address: <u>4219 Malabar Rd. Cincinnati, OH 45242</u> Contact: <u>Alex Moshinis</u> Phone: <u>513-878-6840</u> Fax: <u>513-878-6848</u>	Bill to: Client: <u>Ston Springs Contract</u> Address: _____ Contact: _____ Phone: _____ Fax: _____	Analytical Requests & Method Total Metals Dissolved Metals SVOC VOC Cyanide Pesticide PCP	Lab use only: Custody Seal used <input type="checkbox"/> yes <input type="checkbox"/> no in tact <input type="checkbox"/> yes <input type="checkbox"/> no Temperature °C <u>2.9</u> <u>3.8</u> <u>3.1</u>
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P.O. Number: _____ Project Name/Number: Skinner Landfill 1st Q 2010

Sampled By: Danielle Smith / Ted Reckers

Matrix ¹	Date	Time (2400)	PC	DB	Sample Description	Preservatives	No Containers	Total Metals	Dissolved Metals	SVOC	VOC	Cyanide	Pesticide	PCP	Remarks	Lab ID
W	3/19/10	1120		Y	SK-GW07R-1033	Various	10	X	X	X	X	X	X	X		E
		1155		V	SK-GW26-1033											S
		0940			SK-GW63-1033											10
		1000			SK-GW65-1033											11
		NA			SK-FD-1033(GW07R)											12
		NA			SK-TB-1033	HCL	3									13

Turn Around Time: 24-48 hrs. 3 days 1 week Standard Other _____

Relinquished by: (Signature) <u>Danielle Smith</u>	Received by: (Signature) <u>Fed Ex</u>	Date: <u>03/17/10</u>	Time: <u>1330</u>	Note: <u>Dissolved Metals field filtered</u> <u>Lab provided trip data</u> <u>EPA SW846 methods, Level III data package</u> <u>CP - Linc delivery</u> By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.
Relinquished by: (Signature) <u>Fed Ex</u>	Received by: (Signature) <u>R</u>	Date: <u>3-18-10</u>	Time: <u>1010</u>	
Relinquished by: (Signature) _____	Received by: (Signature) _____	Date: _____	Time: _____	

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

CHAIN OF CUSTODY RECORD

Lab use only

Client Name <i>Earth Tech</i>	Client # <i>4342</i>	Workorder # <i>210031601</i>	Due Date <i>3-30-10</i>
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Report to: Client: <i>AECOM</i> Address: <i>4219 Malsbary Rd Cincinnati, OH 4524</i> Contact: <i>Alex Magiano</i> Phone: <i>513-878-6840</i> Fax: <i>513-878-6848</i>	Bill to: Client: <i>Glen Springs Contract</i> Address: _____ Contact: _____ Phone: _____ Fax: _____	Analytical Requests & Method <i>Total metals</i> <i>Dissolved metals</i> <i>Proc</i> <i>Cyanide</i> <i>Pesticide</i> <i>PCB</i> <i>ROAS</i>	Lab use only: Custody Seal used <input type="checkbox"/> yes <input type="checkbox"/> no in tact <input type="checkbox"/> yes <input type="checkbox"/> no Temperature °C <i>3.1 4.3 2.3</i>
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P.O. Number _____ Project Name/Number *PKinney Landfill 1st Q 2010*

Sampled By: *Danielle Smith / Ted Reckers*

Matrix ¹	Date	Time (2400)	C O B O P	G I B B	Sample Description	Preservatives	No Containers	Total metals	Dissolved metals	Proc	Cyanide	Pesticide	PCB	ROAS	Remarks	Lab ID
W	3/18/10	1130		X	SK-GWS8-1033	Various	10	X	X	X	X	X	X	X		14
		0930			SK-GWS9-1033											15
		1000			SK-GW61-1033											16
		1130			SK-MJ-1033(GWS8)											17
		1130			SK-MJD-1033(GWS8)											18, 19
		ND			SK-TB-1033	HCC	3									20

Turn Around Time: 24-48 hrs. 3 days 1 week Standard Other _____

Relinquished by: (Signature) <i>Danielle Smith</i>	Received by: (Signature) <i>FED EX</i>	Date: <i>3/18/10</i>	Time: <i>1330</i>	Note: By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.
Relinquished by: (Signature) <i>order</i>	Received by: (Signature) <i>K</i>	Date: <i>3-19-10</i>	Time: <i>955</i>	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98